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ALASKA, HAWAII, PUERTO RICO, DISTRICT of COLUMBIA, and U. S. POSSESSIONS

SPECIAL REPORTS

1954 Census of Agriculture

U. S. DEPARTMENT OF COMMERCE · BUREAU OF THE CENSUS · *WASHINGTON* · *1956*

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United States Census of Agriculture: 1954

U. S. Department of Commerce
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Bureau of the Census
Robert W. Burgess, *Director*

Volume III
SPECIAL REPORTS
Part 3

Alaska, Hawaii, Puerto Rico, District of Columbia, and U. S. Possessions

Prepared under the supervision of
RAY HURLEY
Chief, Agriculture Division

FARM CHARACTERISTICS •
LIVESTOCK and PRODUCTS • CROPS • FRUITS • VALUES •

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PREFACE

Volume III, Special Reports, comprises a group of special compilations and summaries of data from the 1954 Census of Agriculture and from related surveys. Part 3 of Volume III, "Alaska, Hawaii, Puerto Rico, District of Columbia, and United States Possessions," presents statistics relating to agricultural inventories and production for the specified areas. The source of these statistics and the method of obtaining and assembling the data are described in the Introductory discussion for the several sections of the report.

The report was prepared in conformity with the act of Congress (Title 13, United States Code) approved August 31, 1954, which includes provisions for the mid-decade Censuses of Agriculture for the continental United States.

The compilation of the statistics was supervised by Ray Hurley, Chief, Agriculture Division, and Warder B. Jenkins, Assistant Chief. The assembly and the preparation of the tables, and much of the analysis of this report, were done under the supervision of Joseph A. Correll.

September 1956

UNITED STATES CENSUS OF AGRICULTURE: 1954

REPORTS

Volume I.—Counties and State Economic Areas.—Statistics for counties include number of farms, acreage, value, and farm operators; farms by color and tenure of operator; facilities and equipment; use of commercial fertilizer; farm labor; farm expenditures; livestock and livestock products; specified crops harvested; farms classified by type of farm and by economic class; and value of products sold by source.

Data for State economic areas include farms and farm characteristics by tenure of operator, by type of farm, and by economic class. Volume I is published in 33 parts as follows:

Part	State or States	Part	State or States	Part	State or States
1	New England States:		West North Central:		East South Central—Continued
	Maine.	8	Minnesota.	21	Alabama.
	New Hampshire.	9	Iowa.	22	Mississippi.
	Vermont.	10	Missouri.		West South Central:
	Massachusetts.	11	North Dakota and South Dakota.	23	Arkansas.
	Rhode Island.			24	Louisiana.
	Connecticut.	12	Nebraska.	25	Oklahoma.
2	Middle Atlantic States:	13	Kansas.	26	Texas.
	New York.		South Atlantic:		Mountain:
	New Jersey.	14	Delaware and Maryland.	27	Montana.
	Pennsylvania.	15	Virginia and West Virginia.	28	Idaho.
	East North Central:	16	North Carolina and South Carolina.	29	Wyoming and Colorado.
3	Ohio.			30	New Mexico and Arizona.
4	Indiana.	17	Georgia.	31	Utah and Nevada.
5	Illinois.	18	Florida.		Pacific:
6	Michigan.		East South Central:	32	Washington and Oregon.
7	Wisconsin.	19	Kentucky.	33	California.
		20	Tennessee.		

Volume II.—General Report.—Statistics by Subjects, United States Census of Agriculture, 1954. Summary data and analyses of the data for States, for Geographic Divisions, and for the United States by subjects as illustrated by the chapter titles listed below:

Chapter	Title	Chapter	Title
I	Farms and Land in Farms.	VII	Field Crops and Vegetables.
II	Age, Residence, Years on Farm, Work Off Farm.	VIII	Fruits and Nuts, Horticultural Specialties, Forest Products.
III	Farm Facilities, Farm Equipment.		
IV	Farm Labor, Use of Fertilizer, Farm Expenditures, and Cash Rent.	IX	Value of Farm Products.
		X	Color, Race, and Tenure of Farm Operator.
V	Size of Farm.	XI	Economic Class of Farm.
VI	Livestock and Livestock Products.	XII	Type of Farm.

Volume III.—Special Reports

Part 1.—Multiple-unit Operations.—This report will be similar to Part 2 of Volume V of the reports for the 1950 Census of Agriculture. It will present statistics for approximately 900 counties and State economic areas in 12 Southern States and Missouri for the number and characteristics of multiple-unit operations and farms in multiple units.

Part 2.—Ranking Agricultural Counties.—This special report will present statistics for selected items of inventory and agricultural production for the leading counties in the United States.

Part 3.—Alaska, Hawaii, Puerto Rico, District of Columbia, and U. S. Possessions.—These areas were not included in the 1954 Census of Agriculture. The available current data from various Government sources will be compiled and published in this report.

Part 4.—Agriculture, 1954, a Graphic Summary.—This report will present graphically some of the significant facts regarding agriculture and agricultural production as revealed by the 1954 Census of Agriculture.

Part 5.—Farm-mortgage Debt.—This will be a cooperative study by the Agricultural Research Service of the U. S. Department of Agriculture and the Bureau of the Census. It will present, by States, data based on the 1954 Census of Agriculture and a special mail survey to be conducted in January 1956, on the number of mortgaged farms, the amount of mortgage debt, and the amount of debt held by principal lending agencies.

Part 6.—Irrigation in Humid Areas.—This cooperative report by the Agricultural Research Service of the U. S. Department of Agriculture and the Bureau of the Census will present data obtained by a mail survey of operators of irrigated farms in 28 States on the source of water, method of applying water, number of pumps used, acres of crops irrigated in 1954 and 1955, the number of times each crop was irrigated, and the cost of irrigation equipment and the irrigation system.

Part 7.—Popular Report of the 1954 Census of Agriculture.—This report is planned to be a general, easy-to-read publication for the general public on the status and broad characteristics of United States agriculture. It will seek to delineate such aspects of agriculture as the geographic distribution and differences by size of farm for such items as farm acreage, principal crops, and important kinds of livestock, farm facilities, farm equipment, use of fertilizer, soil conservation practices, farm tenure, and farm income.

Part 8.—Size of Operation by Type of Farm.—This will be a cooperative special report to be prepared in cooperation with the Agricultural Research Service of the U. S. Department of Agriculture. This report will contain data for 119 economic subregions (essentially general type-of-farming areas) showing the general characteristics for each type of farm by economic class. It will provide data for a current analysis of the differences that exist among groups of farms of the same type. It will furnish statistical basis for a realistic examination of production of such commodities as wheat, cotton, and dairy products in connection with actual or proposed governmental policies and programs.

VOLUME III, PART 3

ALASKA, HAWAII, PUERTO RICO, DISTRICT OF COLUMBIA, AND UNITED STATES POSSESSIONS

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ALASKA, HAWAII, PUERTO RICO, DISTRICT OF COLUMBIA, AND UNITED STATES POSSESSIONS

Introduction.—This publication brings together statistics relating to agricultural inventories and production for Alaska, Hawaii, Puerto Rico, District of Columbia, American Samoa, Guam, and the Virgin Islands. Wherever a choice was possible, the data for inventories represent the status near the close of 1954 while those for production are for the calendar year 1954. In this respect, they are complementary to the data gathered in the 1954 Census of Agriculture for the continental United States. Comparative data from earlier Censuses are presented for many of the items. In a few cases, pertinent data are given for an item for an earlier year when no data were available for 1954. This procedure was followed if the additional figures gave a more complete picture of the agriculture of the area.

This report was prepared in accordance with the act of Congress which provides for the mid-decade Censuses of agriculture for the United States mainland. That act states, in part:

> "(a) The Secretary shall take, beginning in the month of October 1954, and in the same month of every tenth year thereafter, a census of agriculture. The census provided for by this section shall include each State, but, except as provided in subsection (b) of this section, shall not include the District of Columbia, Alaska, Hawaii, Puerto Rico, or such other areas or territory over which the United States exercises sovereignty or jurisdiction.
>
> "(b) As to the areas excluded from the census provided for in subsection (a) of this section, the data available from various Government sources shall be included as an appendix to the report of such census."

Source of data.—As just mentioned, the act of Congress, while excluding these specified areas from the 1954 Census of Agriculture, provided that the data available for these areas from various Government sources should be brought together and published. Therefore, early in 1955 a request was made by the Director of the Census to an official source—Experiment Station, Department of Agriculture, or Governor—to obtain all available data similar to those collected in previous periodic Censuses. As an example, the two significant paragraphs in the request made to the Director of the Agricultural Experiment Station in Alaska are quoted verbatim:

> "The act of Congress providing for the 1954 Census of Agriculture specifies that enumeration is to be conducted only in the continental United States, but that data available for Alaska and some other areas from 'various government sources shall be included as an appendix to the report of such census.'
>
> "Accordingly, we would like to receive from you any available data for Alaska similar to those collected for the periodic censuses of agriculture. We would appreciate it very much if you could provide for our report the available data for 1954 indicated in the enclosed tables for Alaska. We would also like to have a statement explaining how the data for 1954 were collected and compiled."

The statistics shown in this volume were compiled from the responses to these letters and, in a limited degree, from other published reports of agriculture for these areas. A more detailed account of the source of data and how they were collected may be found in the introductory text for each area.

Presentation of statistics.—Each area, for which statistics are presented in this report, is treated as an entity. It's statistics are apart from those of other areas. There are no totals for all the areas as a group. For ease of reference, the areas have been arranged in alphabetical sequence.

In the case of Alaska and Guam data are presented for subdivisions of the area; both judicial divisions and geographic areas for Alaska, and municipalities for Guam. Percentages and averages have been utilized to make the information more useful.

Comparability of data.—The comparability of the data for an area is affected by the period of the year in which the enumeration or survey was made; the definition of a farm; and the number and the wording of the questions. The method used in obtaining agricultural information also has a direct bearing on the comparability of data. The most recent information was obtained partly by mail, partly by personal interview, and partly by estimation. Some information is presented regarding these factors in the discussion for each area.

ALASKA

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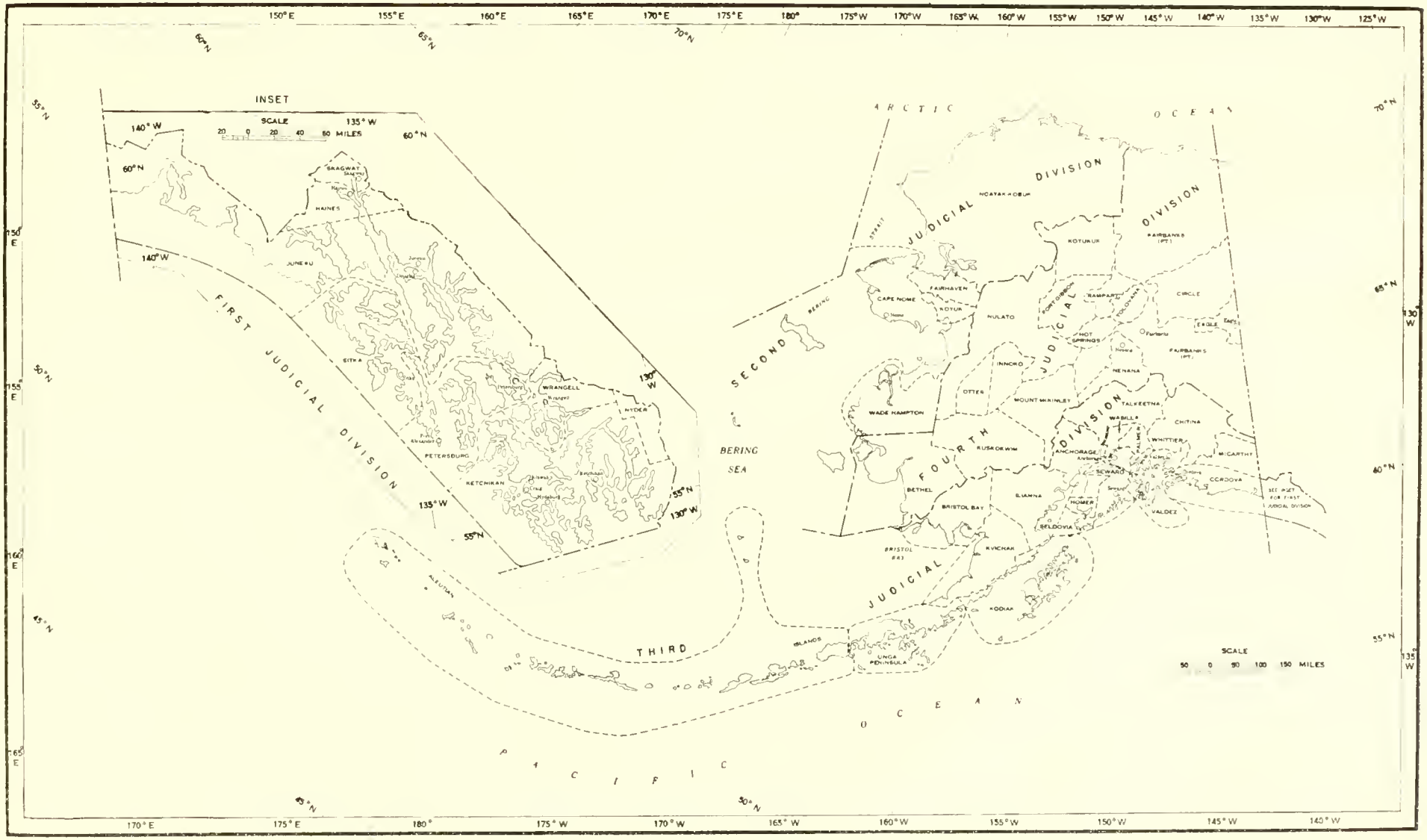
ALASKA
Judicial Divisions and Recording Districts



ALASKA

Introduction.—The most recent agricultural statistics for Alaska were furnished by the Alaska Agricultural Experiment Station and the Alaska Department of Agriculture, a cooperative effort by the two Territorial Agencies. In reply to the Bureau's letter for available statistics for Alaska, an official of the Agricultural Experiment Station replied to the effect that a series of publications on annual agricultural production for key items had been initiated in 1953.

The procedure for obtaining the statistics for 1954 and 1953 in Alaska encompassed a mailed questionnaire to all persons known to be engaged in any agriculture. About 25 percent of the reports are obtained in this manner. For those who did not reply, a personal visit was made to all commercial farmers and to as many others as time and personnel permitted. It is estimated that 98 percent of the commercial production and 90 percent of all production in Alaska is recorded by these two procedures. The final published figures were weighted by the judgment of produce inspectors and economists based on the nature of the replies received and the specialized knowledge these men had of marketings and supplies.

Two reports were furnished to the Census Bureau by these Territorial Agencies. Each was entitled, Agricultural Production—Alaska. One was designated as the 1953 report and the other as the 1954 report. The 1953 report covered the amount and value of agricultural production for the calendar year 1953 but contained a few livestock inventory items as of January 1, 1954. The 1954 report, in less detail, related to the year subsequent to the 1953 report. For publication, in this Census report it was decided to use the same time reference as was used in the publications received from Alaska. Since the 1953 Alaska report gives information in more detail than the 1954 report, data are given herein from both.

For 1953 the data for the Matanuska Valley, the Anchorage Area, and the Tanana Valley were based on personal interviews. These three geographic areas contributed nearly 80 percent of the total income from farm sales. Data for other areas were estimates based on returned mail questionnaires and other information. The number of contacts in each area upon which the data for 1953 were based is as follows:

Area	Number of contacts [1]
Alaska totals	353 reporting farms or farmers.
Tanana Valley	48 reporting farms.
Matanuska Valley	225 reporting farmers.
Anchorage Area	[2] 23 reporting farmers.
Kenai Peninsula	[3] 35 reporting farmers.
Kodiak and Aleutian Islands	5 reporting farmers.
Southeastern Alaska	[4] 17 reporting farmers.

[1] As given in Alaska published information.
[2] Additional information obtained from informed sources.
[3] Estimates based on available records for an additional 23 rural families.
[4] Estimates based on available information for the remaining farm operations.

For the following year, 1954, the data for Matanuska Valley and the Anchorage area were obtained by mail questionnaires and personal interviews. Data for all other areas were estimates based on returned mail questionnaires, personal interviews, and other information gathered during 1954.

Censuses of Agriculture.—The data given for years prior to 1953 are from the perodic Censuses of Agriculture taken by the Bureau of the Census. The first United States Census of Agriculture of Alaska was taken in 1900 as part of the Twelfth Decennial Census. Since that date a Census of Agriculture has been taken in conjunction with the Census of Population in decennial enumeration.

These Census enumerations furnished some information which is not obtainable from the available statistics for 1954 and 1953. A part of this information for these earlier Censuses, such as the number of farms and the acreage of land in farms, is given below.

Item	1950 (Apr. 1)	1939 (Oct. 1)	1929 (Oct. 1)	1920 (Jan. 1)	1910 (Jan. 1)	1900 (June 1)
Farms—number	525	625	500	364	222	12
Land in farms—acres	421,799	1,775,752	525,942	90,652	42,544	159

Presentation of statistics.—Only limited comparisons are possible between the data for 1954 and 1953 on the one hand and the data for 1950 and earlier Censuses on the other. In the 1950 and earlier Censuses, statistics conformed to judicial division boundaries. Data for 1954 and 1953 were published by geographic areas. Only a few of the comparative data are presented herein, for all years. This historical series is given only for the Territory. A more extended comparison is made for 1954 and 1950, by judicial divisions. A full presentation is made of all available data for 1954 and 1953, by geographic areas.

For this report, in order to make subdivision comparisons, it was necessary to assemble the 1954 data for geographic areas by judicial divisions.

Southeastern Alaska, for which data are presented for 1954 and 1953, includes Judicial Division 1 and a part of Judicial Division 3. The part of Judicial Division 3 included is Valdez and the area to the South. Therefore, in considering Southeastern Alaska statistics as representative of Judicial Division 1, an overstatement is made to the extent that the Valdez area is included. Likewise, the 1954 and 1953 statistics, which are presented to represent Judicial Division 3, are understated to the extent that the Valdez area is exluded. Thus, if there were any items produced in appreciable amounts in the Valdez area, data for these two Divisions are affected accordingly.

The geographic areas which were combined to compare with each judicial division are as follows:

Geographic area	*Judicial division*
Southeastern Alaska	1
Tanana Valley	[1] 2, 4
Matanuska Valley	3
Anchorage Area	3
Kenai Peninsula	3
Kodiak and Aleutian Islands	3

[1] For the 1950 Census, the data for these two divisions were combined.

Livestock and livestock products.—The classification of livestock by age and sex for the recent years has been made on a different basis than for former years. The major part of the

change has been to differentiate between dairy and beef animals. Because of the varying classes, a comparison of inventory numbers only has been made for all years for which data are available. These data are shown in Table 1.

TABLE 1.—NUMBER OF SPECIFIED CLASSES OF LIVESTOCK ON FARMS: 1900 TO 1955

Year and date of enumeration	Horses and mules	Cattle and calves	Hogs and pigs	Sheep and lambs	Chickens
	Number	*Number*	*Number*	*Number*	*Number*
1955 (Jan. 1)	(NA)	5,757	1,062	9,110	43,026
1954 (Jan. 1)	[1] 106	5,160	589	9,183	31,350
1950 (Apr. 1)	207	2,236	1,201	6,046	20,278
1939 (Oct. 1)	496	3,749	959	17,076	18,374
1929 (Oct. 1)	319	1,869	310	6,858	10,979
1920 (Jan. 1)	395	640	273	132	4,563
1910 (Jan. 1)	218	811	165	184	5,436
1900 (June 1)	5	18	10	------	[2] 176

NA—Not available.

[1] Horses.
[2] Chickens and guinea fowls.

The judicial division comparisons of data for livestock and livestock products are restricted to 2 years. These are shown in Table 2. The numbers of livestock on hand were taken from the 1954 Alaska report (inventories as of Jan. 1, 1955) and from the 1950 Census report (inventories as of Apr. 1, 1950). Since the subclasses of cattle are not comparable for the two periods of observation, no attempt has been made to show data for cows, heifers, calves, etc., by judicial divisions. The quantities of products and income data were obtained from the same sources but cover the calendar years 1954 and 1949, respectively.

Table 3 presents all livestock data contained in the 1954 and 1953 reports submitted by Alaska official sources. The available figures are given by geographic areas, not by judicial divisions.

According to these reports milk was the most important source of farm income. In 1954, milk accounted for 47 percent of the total farm income. Of the total milk production, 67 percent came from the Matanuska Valley, 16 percent from the Southeastern area, 7 percent from the Tanana Valley, and 10 percent from all other areas. All areas except Southeastern Alaska showed substantial increases from 1953 to 1954.

TABLE 2.—SELECTED DATA FOR LIVESTOCK AND LIVESTOCK PRODUCTS, BY JUDICIAL DIVISIONS: 1954 AND 1950

Item		Alaska, total	Judicial division		
			[1] 1	2 and 4	[1] 3
CATTLE AND DAIRY PRODUCTS					
Cattle and calves on hand	number Jan. 1, 1955	5,757	478	282	4,997
	number Apr. 1, 1950	2,236	443	178	1,615
Dairy products sold	dollars 1954	1,257,906	200,000	93,500	964,406
	dollars 1949	663,725	182,771	121,076	359,878
Milk sold	pounds 1954	11,429,802	2,000,000	850,000	8,579,802
	pounds 1949	6,551,032	1,919,769	791,630	3,839,633
HOGS					
Hogs and pigs on hand	number Jan. 1, 1955	1,062	------	125	937
	number Apr. 1, 1950	1,201	------	347	854
SHEEP AND WOOL					
Sheep and lambs on hand	number Jan. 1, 1955	9,110	------	20	9,090
	number Apr. 1, 1950	6,046	------	20	6,026
Wool shorn	pounds 1954	60,115	------	------	60,115
	pounds 1950	57,016	------	225	56,791
	value—dollars 1954	30,056	------	------	30,056
	value—dollars 1950	28,241	------	90	28,151
POULTRY AND POULTRY PRODUCTS					
Chickens on hand [2]	number Jan. 1, 1955	43,020	9,500	1,120	32,400
	number Apr. 1, 1950	20,278	3,378	2,168	14,732
Poultry and/or poultry products sold	dollars 1954	411,840	112,000	13,275	286,565
	dollars 1950	237,541	74,174	18,907	144,460
Chicken eggs sold	dozens 1954	357,340	100,000	9,000	248,340
	dozens 1950	180,222	32,780	19,690	127,752
	dollars 1954	348,450	100,000	9,900	238,550
	dollars 1950	160,297	28,583	16,779	114,935
FUR ANIMALS					
Value of fur animals and pelts sold	dollars 1954	61,000	61,000	------	------
	dollars 1950	39,705	38,584	------	1,121

[1] Part of Judicial Division 3 included with Judicial Division 1. See text.
[2] No age limit mentioned for 1955; 1950 data are for chickens 4 months old and over.

Poultry products were third in importance as a source of farm income. They contributed about 15 percent of the total in 1954 and 13 percent in 1953. Both milk and potatoes ranked above poultry products as sources of farm income. According to the 1954 Alaska report, "The disastrously low statewide egg prices were responsible for lower egg prices in Alaska. Production of local eggs increased 25 percent, however, over 1953. The most severe price competition occurred during the latter part of the year and carried into 1955. Broiler and fryer production was down considerably in 1954."

TABLE 3.—LIVESTOCK AND LIVESTOCK PRODUCTS: NUMBER OF LIVESTOCK ON HAND; AND PRODUCTION AND SALES OF LIVESTOCK AND LIVESTOCK PRODUCTS: 1954 AND 1953

Item			Alaska, total	Tanana Valley	Matanuska Valley	Anchorage Area	Kenai Peninsula	Kodiak and Aleutian Islands	Southeastern Alaska
HORSES									
Horses on hand	number	Jan. 1, 1955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		Jan. 1, 1954	106	5	46	10	11	25	9
CATTLE AND CALVES									
Cattle and calves on hand, total	number	Jan. 1, 1955	5,757	282	1,860	140	323	2,674	478
		1954	5,160	184	1,772	98	267	2,329	510
Animals other than beef animals, total	number	1955	2,682	222	1,665	105	168	74	448
		1954	2,479	171	1,578	75	154	49	452
Milk cows	number	1955	1,628	138	1,000	55	100	45	290
		1954	1,430	107	881	17	100	20	305
Heifers, 1 year and over	number	1955	545	20	340	30	30	15	110
		1954	529	29	347	39	31	13	70
Heifer calves	number	1955	442	50	295	20	35	12	30
		1954	451	30	312	18	18	13	60
Dairy bulls	number	1955	67	14	30	.....	3	2	18
		1954	69	5	38	1	5	3	17
Beef animals, total	number	1955	3,075	60	195	35	155	2,600	30
		1954	2,681	13	194	23	113	2,280	58
Beef cows	number	1955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	(NA)	.....	57	5	41	(NA)	12
Heifers, over 1 year	number	1955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	(NA)	.....	14	5	32	(NA)	21
Heifer calves	number	1955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	(NA)	.....	14	3	11	(NA)	11
Beef type bulls	number	1955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	(NA)	.....	7	1	9	(NA)	4
Other beef animals	number	1955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	(NA)	13	102	9	20	(NA)	10
DAIRY PRODUCTS									
Milk produced, other than goat milk, total	pounds	1954	12,156,408	880,000	8,171,481	274,743	588,184	209,000	2,033,000
		1953	10,141,592	642,700	6,514,304	151,498	526,000	137,500	2,169,590
Farm use	pounds	1954	726,606	30,000	555,506	25,100	49,000	34,000	33,000
		1953	620,200	17,700	469,000	12,000	86,000	2,500	33,000
Sold	pounds	1954	11,429,802	850,000	7,615,975	249,643	539,184	175,000	2,000,000
		1953	9,521,392	625,000	6,045,304	139,498	440,000	135,000	2,136,590
	dollars	1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1953	1,016,248	68,750	649,871	14,968	52,800	16,200	213,659
Goat milk, total	pounds	1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1953	14,400	(NA)	(NA)	(NA)	14,400	(NA)	(NA)
Farm use	pounds	1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1953	12,000	(NA)	(NA)	(NA)	12,000	(NA)	(NA)
Sold	pounds	1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1953	2,400	(NA)	(NA)	(NA)	2,400	(NA)	(NA)
	dollars	1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1953	288	(NA)	(NA)	(NA)	288	(NA)	(NA)
Other dairy products sold	dollars	1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1953	341	(NA)	235	(NA)	106	(NA)	(NA)
Total dairy products sold	dollars	1954	1,257,906	93,500	837,644	26,985	64,777	35,000	200,000
		1953	1,016,877	68,750	650,106	14,968	53,194	16,200	213,659
HOGS AND PIGS									
Hogs and pigs on hand	number	Jan. 1, 1955	1,062	125	90	820	7	20	.....
		Jan. 1, 1954	589	127	87	375	.....	.....	.....
SHEEP AND WOOL									
Sheep on hand	number	Jan. 1, 1955	9,110	20	10	.....	80	9,000	.....
		Jan. 1, 1954	9,183	21	241	1	90	8,830	.....
Wool shorn	pounds	1954	60,115	.....	115	.....	.....	60,000	.....
		1953	77,000	.....	2,000	.....	.....	75,000	.....
	dollars	1954	30,056	.....	56	.....	.....	30,000	.....
		1953	38,500	.....	1,000	.....	.....	37,500	.....
POULTRY AND POULTRY PRODUCTS									
Poultry on hand, total	number	Jan. 1, 1955	43,020	1,120	16,800	8,800	5,800	1,000	9,500
		Jan. 1, 1954	31,559	1,138	13,927	3,410	6,080	1,000	6,004
Hens	number	1955	32,200	1,000	13,900	3,800	5,000	1,000	7,500
		1954	25,654	1,000	13,604	1,550	4,500	1,000	4,000
Chickens	number	1955	10,820	120	2,900	5,000	800	.....	2,000
		1954	5,696	120	216	1,800	1,560	.....	2,000
Other poultry	number	1955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	209	18	107	60	20	.....	4
Poultry meat produced, total	pounds	1954	111,540	6,500	36,240	43,000	6,400	2,400	17,000
		1953	112,611	6,755	30,636	45,165	15,300	2,400	12,355
Farm use	pounds	1954	21,430	2,000	11,530	3,000	2,700	1,200	1,000
		1953	19,085	1,900	12,490	640	2,500	1,200	355
Sold	pounds	1954	90,110	4,500	24,710	40,000	3,700	1,200	16,000
		1953	93,526	4,855	18,146	44,525	12,800	1,200	12,000
	value of sales—dollars	1954	63,390	3,375	12,825	32,000	2,590	600	12,000
		1953	71,431	3,641	13,610	35,620	8,960	600	9,000
Eggs produced, total	dozens	1954	388,867	10,000	169,000	32,467	63,900	12,500	101,000
		1953	303,661	13,076	149,718	20,912	56,455	12,500	51,000
Farm use	dozens	1954	31,527	1,000	20,660	2,467	3,900	2,500	1,000
		1953	27,043	1,076	20,300	712	1,455	2,500	1,000
Sold	dozens	1954	357,340	9,000	148,340	30,000	60,000	10,000	100,000
		1953	276,618	12,000	129,418	20,200	55,000	10,000	50,000
	value of sales—dollars	1954	348,450	9,900	135,550	33,000	60,000	10,000	100,000
		1953	279,505	14,160	128,125	22,220	55,000	10,000	50,000
Poultry and poultry products sold	dollars	1954	411,840	13,275	148,375	65,000	62,590	10,600	112,000
		1953	350,936	17,801	141,735	57,840	63,960	10,600	59,000
GOATS									
Milk goats on hand	number	1955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1954	159	65	17	27	30	.....	20
OTHER LIVESTOCK PRODUCTS									
Beef produced, total	pounds	Jan. 1, 1954	206,914	6,500	104,044	5,100	21,270	50,000	20,000
		1953	224,617	5,041	103,806	3,500	23,000	66,500	22,770
Farm use	pounds	1954	68,534	3,000	41,534	3,100	5,900	5,000	10,000
		1953	52,779	2,625	39,884	1,400	5,000	1,500	2,370
Sold	pounds	1954	138,380	3,500	62,510	2,000	15,370	45,000	10,000
		1953	171,838	2,416	63,922	2,100	18,000	65,000	20,400
	value of sales—dollars	1954	57,121	1,400	24,036	1,000	7,685	18,000	5,000
		1953	73,146	966	25,570	1,050	9,360	20,000	10,200

See footnotes at end of table.

TABLE 3.—LIVESTOCK AND LIVESTOCK PRODUCTS: NUMBER OF LIVESTOCK ON HAND; AND PRODUCTION AND SALES OF LIVESTOCK AND LIVESTOCK PRODUCTS: 1954 AND 1953—CONTINUED

Item		Alaska, total	Tanana Valley	Matanuska Valley	Anchorage Area	Kenai Peninsula	Kodiak and Aleutian Islands	Southeastern Alaska
OTHER LIVESTOCK PRODUCTS—Continued								
Pork produced, total	pounds 1954	110,335	5,750	8,000	94,600	1,985	----------	----------
	1953	87,111	5,450	17,611	62,500	1,550	----------	----------
Farm use	pounds 1954	14,435	2,750	7,500	2,600	1,585	----------	----------
	1953	15,945	2,750	11,945	900	350	----------	----------
Sold	pounds 1954	95,900	3,000	500	92,000	400	----------	----------
	1953	71,166	2,700	5,666	61,600	1,200	----------	----------
	dollars 1954	28,940	1,800	300	26,600	240	----------	----------
	1953	26,956	1,620	3,116	21,560	660	----------	----------
Lamb produced, total	pounds 1954	4,250	----------	----------	----------	----------	4,250	----------
	1953	6,780	----------	3,270	----------	----------	3,510	----------
Farm use	pounds 1954	2,500	----------	----------	----------	----------	2,500	----------
	1953	1,360	----------	160	----------	----------	1,200	----------
Sold	pounds 1954	1,750	----------	----------	----------	----------	1,750	----------
	1953	5,420	----------	3,110	----------	----------	2,310	----------
	dollars 1954	1,050	----------	----------	----------	----------	1,050	----------
	1953	3,820	----------	2,020	----------	----------	1,800	----------
Value of fur animals and pelts sold	dollars 1954	61,000	(NA)	(NA)	(NA)	(NA)	(NA)	61,000
	1953	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA—Not available.
[1] Does not include pack and riding horses in outlying districts.

Cropland and crops harvested.—An exact comparison of the acreage either capable of being used for crops or actually used for crops, through the various years, cannot be made. However, the acreage harvested for some individual crops can be directly compared. Table 4 sets forth some of the data for the Territory to indicate comparisons for the several years.

Only a very limited amount of data is available for crops harvested in 1954. Hence, the figures presented in Table 5 for 1954 and 1950, by judicial divisions ,are restricted to potatoes and vegetables harvested for sale. The acreage of cropland is also presented in Table 5; however, much of this acreage was not actually used for crops. The 13,215 acres shown for 1954 were distributed in the 1954 Alaska report as follows:

Potatoes	1,160 acres
Vegetables for sale	305 acres
Other crops and idle cropland	11,750 acres

The 1953 Alaska report gives a more detailed composition of the cropland, which totaled 12,334 acres for that year. The detail is as follows:

Potatoes	1,505 acres
Vegetables for sale	242 acres
Home garden	35 acres
Grains	1,027 acres
Hays	5,334 acres
Seeded pasture	1,913 acres
Idle, fallow, or green manure	2,278 acres

TABLE 4.—ACREAGE OF CROPLAND AND OF SPECIFIED CROPS HARVESTED: 1900 TO 1954

Item		1954	1953	1949	1939	1929	1919	1909	1899
Cropland, total	farms reporting	(NA)	(NA)	414	(NA)	(NA)	(NA)	(NA)	(NA)
	acres [1]	13,215	12,334	12,385	11,332	8,825	5,736	2,660	159
Cropland harvested, total	farms reporting	(NA)	(NA)	414	(NA)	(NA)	(NA)	(NA)	(NA)
	acres	(NA)	(NA)	6,450	7,305	(NA)	(NA)	(NA)	(NA)
Acres of crops harvested, total	acres	(NA)	8,143	[2] 6,213	[2] 7,062	3,875	4,473	(NA)	104
Wheat	farms reporting	(NA)	(NA)	31	104	20	47	1	(NA)
	acres	(NA)	35	204	527	54	148	(NA)	(NA)
Oats	farms reporting	(NA)	(NA)	34	87	18	30	2	(NA)
	acres	(NA)	510	333	527	153	69	(NA)	(NA)
Barley	farms reporting	(NA)	(NA)	7	112	16	29	5	(NA)
	acres	(NA)	292	55	654	39	41	(NA)	(NA)
Mixed grains	farms reporting	(NA)	(NA)	11	9	----------	(NA)	(NA)	(NA)
	acres	(NA)	180	163	88	----------	(NA)	(NA)	(NA)
Any hay or forage crop	farms reporting	(NA)	(NA)	(NA)	294	202	277	118	6
	acres [3]	(NA)	5,334	4,207	4,626	3,010	3,531	(NA)	78
Potatoes	farms reporting	(NA)	(NA)	285	370	257	198	181	11
	acres	1,160	1,505	1,030	388	271	431	(NA)	8

NA—Not available.
[1] For 1939 does not include cropland pasture. For years prior to 1939, acreage reported as "improved land."
[2] Excluding home garden.
[3] For 1953 includes tame grass hay, grass silage, oat-pea hay, and oat-pea silage only.

TABLE 5.—SELECTED DATA FOR CROPLAND AND CROPS, BY JUDICIAL DIVISIONS: 1954 [1] AND CENSUS OF 1950

Item	Alaska, total	Judicial divisions		
		1	2 and 4	3
Total cropland—acres 1954	13,215	425	2,500	10,290
acres 1949	12,385	885	2,251	9,249
Potatoes harvested—acres 1954	1,160	15	475	670
acres 1949	1,030	7	196	827
tons 1954	6,431	75	1,684	4,672
tons 1949	5,552	24	775	4,753
Vegetables harvested for sale				
acres 1954	305	10	60	235
acres 1949	178	5	49	124
dollars 1954	[2] 198,832	10,000	36,980	151,852
dollars 1949	99,179	4,205	27,044	67,930
All other cropland [3]—acres 1954	11,750	400	1,965	9,385
acres 1949	11,177	873	2,090	8,298

[1] Part of Judicial Division 3 included with Judicial Division 1. See text.
[2] Includes income from crops except potatoes, divided as follows: Cabbage, $38,578; lettuce, $57,470; carrots, $33,122; and other produce, $69,662.
[3] For both years these figures represent the difference between total cropland and the total for potatoes and vegetables.

According to the 1954 Alaska report there were 13,215 acres of cropland in the Territory, which was 881 acres in excess of the 1953 total of 12,334 acres. Much of this increase can be attributed to 1,038 acres cleared in 1953. In 1954, an additional 1,035 acres were cleared.

Feed crops, mostly forage, and potatoes and vegetables comprised nearly all the crops grown in the Territory. Potato sales were the second important source of farm income, furnishing about one-third of the total farm income in 1953. Reduced plantings in 1954 and slightly lower yields resulted in a production 30 percent less than in 1953. Actual sales were off not more than 10 percent. Decreased disease loss and improved storage were the principal factors in maintaining sales when production declined. In 1954, 52 percent came from the Matanuska Valley, 33 percent from the Tanana Valley, 11 percent from the Anchorage area, and 4 percent from all other areas.

Lettuce, carrots, and cabbage were, by far, the most important vegetables grown. Vegetable acreage was approximately the same for the two years but the production for 1954 brought 13 percent less due to lower prices.

TABLE 6.—LAND DISTRIBUTION AND ACRES, PRODUCTION, AND VALUE OF CROPS SOLD: 1954 AND 1953

Item	Alaska, total	Tanana Valley	Matanuska Valley	Anchorage Area	Kenai Peninsula	Kodiak and Aleutian Islands	Southeastern Alaska
Total cropland—acres 1954	13,215	2,500	8,815	750	725	(1)	425
1953	12,334	2,260	8,425	623	616	(1)	410
Idle, fallow, or green manure—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	2,278	625	1,200	153	200	(1)	100
Seeded pasture—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	1,913	140	1,600	38	75	(1)	60
Land cleared [2]—acres 1954	1,035	350	445	90	150	(1)	----
1953	1,038	244	650	28	90	(1)	26
Crops harvested—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	8,143	1,495	5,625	432	341	(1)	250
Grain—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	1,027	205	805	----	7	(1)	10
Wheat—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	35	5	30	----	----	----	----
Oats—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	510	75	425	----	2	(1)	8
Barley—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	292	90	195	----	5	(1)	2
Buckwheat—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	10	10	----	----	----	----	----
Mixed grain—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	180	25	155	----	----	(1)	----
Any hay or forage crops—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	5,334	635	3,915	284	295	(1)	205
Tame grass hay—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	1,490	80	950	155	175	(1)	130
Grass silage—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	118	----	65	38	10	(1)	5
Oat-pea hay—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	1,770	280	1,400	30	30	(1)	30
Oat-pea silage—acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	1,956	275	1,500	61	80	(1)	40
Potatoes harvested for sale—acres 1954	1,160	475	560	85	25	----	15
1953	1,505	590	760	116	24	----	15
tons 1954	6,431	1,684	3,785	757	130	----	75
1953	9,135	2,213	5,700	1,022	125	----	75
dollars 1954	618,025	205,420	321,725	67,780	15,600	----	7,500
1953	928,020	294,820	513,000	97,700	15,000	----	7,500
Vegetables, other than potatoes, for sale—acres 1954	305	60	185	30	20	(1)	10
1953	242	65	130	32	5	(1)	10
dollars 1954	198,832	36,980	124,793	19,544	5,015	2,500	10,000
1953	227,929	52,427	138,237	22,250	5,015	2,500	7,500
Cabbage—tons 1954	282	87	130	65	----	----	----
1953	268	96	130	42	----	----	----
dollars 1954	38,578	12,180	18,298	8,100	----	----	----
1953	43,000	16,320	20,800	5,880	----	----	----
Lettuce—tons 1954	225	27	190	8	----	----	----
1953	214	34	156	24	----	----	----
dollars 1954	57,470	9,600	46,515	1,355	----	----	----
1953	63,760	11,560	46,800	5,490	----	----	----
Carrots—tons 1954	211	20	180	11	----	----	----
1953	276	29	228	19	----	----	----
dollars 1954	33,122	4,600	26,900	1,622	----	----	----
1953	50,420	6,625	41,040	2,755	----	----	----
Turnips and rutabagas—tons 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	45	20.5	6.5	18	----	----	----
Greens—pounds 1953	6,428	1,799	4,728	----	----	----	----
bunches 1953	1,000	----	1,000	----	----	----	----
dollars 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	8,125	3,858	1,297	2,970	----	----	----
Beets—tons 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	12.9	3.3	9.6	----	----	----	----
dollars 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	2,397	792	1,605	----	----	----	----
Celery—tons 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	52.6	8.6	44	----	----	----	----
dollars 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1953	13,120	3,440	9,680	----	----	----	----

See footnotes at end of table.

TABLE 6.—LAND DISTRIBUTION AND ACRES, PRODUCTION, AND VALUE OF CROPS SOLD: 1954 AND 1953—CONTINUED

Item		Alaska, total	Tanana Valley	Matanuska Valley	Anchorage Area	Kenai Peninsula	Kodiak and Aleutian Islands	Southeastern Alaska
Total cropland—Continued								
Crops harvested—Continued								
Vegetables, other than potatoes, for sale—Continued								
Radishes	tons 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	6.2	2.5	3.7	----------	----------	----------	----------
	bunches 1954	42,930	2,930	----------	40,000	----------	----------	----------
	dollars 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	5,889	1,193	1,496	3,200	----------	----------	----------
Onions	pounds 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	7,036	----------	7,036	----------	----------	----------	----------
	bunches 1954	57,375	----------	57,375	----------	----------	----------	----------
	dollars 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	8,159	----------	8,159	----------	----------	----------	----------
Parsnips	tons 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	2.5	2.5	----------	----------	----------	----------	----------
	dollars 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	750	750	----------	----------	----------	----------	----------
Greenhouse vegetables	dollars 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	4,500	1,200	1,800	1,500	----------	----------	----------
Mixed vegetables	dollars 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	12,515	(NA)	(NA)	(NA)	5,015	(NA)	7,500
Other vegetables	tons 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	(NA)	13.3	(NA)	(NA)	(NA)	(NA)	(NA)
	dollars 1954	69,662	10,690	33,080	8,467	5,015	2,500	10,000
	1953	15,294	6,689	5,560	545	(NA)	2,500	(NA)
Home garden	acres 1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1953	35	(NA)	15	(NA)	10	(1)	10

NA—Not available.
[1] No report.
[2] Land cleared was not included as such in total cropland for the year in which it was cleared. It may have been utilized as idle land, cropland, etc.

Value of agricultural production.—Table 7 gives figures on the value of agricultural production of Alaska. Data are shown, for both 1954 and 1953, by geographic areas and for farm use and commercial production. The commercial production is further subdivided into income from vegetables and from livestock sales. There is no clear indication, in the available statistics, that any crops other than vegetables were sold. For example, in the statistics for 1954, "Other produce" was listed under vegetables, which could refer to miscellaneous vegetables or possibly to non-vegetable crops.

The value of agricultural production for all of Alaska in 1954 differed only slightly from that in 1953 with the Southeastern Alaska area showing the greatest variation, an increase of over 40 percent. The value of products used on the farm in 1954 was estimated at 8 percent of the commercial production for that year. Matanuska Valley, with 54.7 percent of agricultural production for farm use in 1954 and 64.9 percent in 1953, was the most important producing area. This area also led in commercial production (production for sale) with 54.7 percent of the Territorial total in 1954 and 55.3 percent in 1953.

TABLE 7.—VALUE OF AGRICULTURAL PRODUCTION FOR HOME USE AND FOR SALE, BY GEOGRAPHIC AREAS: 1954 AND 1953

Item	Year	Alaska, total	Tanana Valley	Matanuska Valley	Anchorage Area	Kenai Peninsula	Kodiak and Aleutian Islands	Southeastern Alaska
Value of agricultural production, total	1954	$2,877,952	$380,565	$1,573,483	$223,462	$168,380	$104,922	$427,140
	1953	2,819,836	449,382	1,574,471	222,465	169,304	100,000	304,214
Farm use	1954	213,182	28,190	116,554	16,553	12,473	7,772	31,640
	1953	153,652	12,998	99,687	7,997	22,115	5,400	6,355
Commercial, total	1954	2,664,770	352,375	1,456,929	206,909	155,907	97,150	395,500
	1953	2,666,184	436,384	1,474,784	215,368	147,189	94,600	297,859
Vegetables sold	1954	816,857	242,400	446,518	87,324	20,615	2,500	17,500
	1953	1,155,949	347,247	651,237	119,956	20,015	2,500	15,000
Livestock and livestock products sold	1954	1,847,913	109,975	1,010,411	119,585	135,292	94,650	378,000
	1953	1,510,235	89,137	823,547	95,418	127,174	92,100	282,859

Comparability of data.—Comparability is affected by factors, such as the time of enumeration, the wording of the questions, and the definition of a farm. For 1954 and 1953, no mention was made as to the date of the mailing of questionnaires, the date of the interviews, or to the minimum for area or production to be reported. In reference to the minimum area or amount of production for enumeration, the following statement, applying to 1954, was contained in the reply to the Bureau's request for available information: "Our procedure encompasses a mailed questionnaire to all persons known to be engaged in any agriculture." Since the production data for 1954 are presented with the matching inventories as of January 1, 1955, and since these data were furnished to the Bureau shortly after July 1, 1955, it seems safe to assume that the data were gathered shortly after January 1.

For the 1950 Census of Agriculture a farm was any place with either 3 or more acres and $150 or more of agricultural products or less than 3 acres, provided the value of sales of agricultural products amounted to $150 or more. Places that did not meet these minimum requirements were considered farms only if they had sufficient potential to meet these minima.

The Census enumerators were not required to determine which places were farms. They were instructed to enumerate all places that the operator called farms, all places of 3 or more acres, and certain specialized operations, such as greenhouses. The determination as to which operations constituted farms was made during the office processing in Washington.

For 1950, the Census of Agriculture was taken as of April 1 of that year. Most of the farms were enumerated in April and May. Inventory items relate to April 1; data on acreage, production, and sales to the crop year 1949.

The classification of livestock by age and sex for 1954 (January 1, 1955) varies somewhat from that used in 1950. The differing classifications are indicated in the tables presenting livestock data. The method of reporting crops also varied. This is indicated more fully in the several crop tables.

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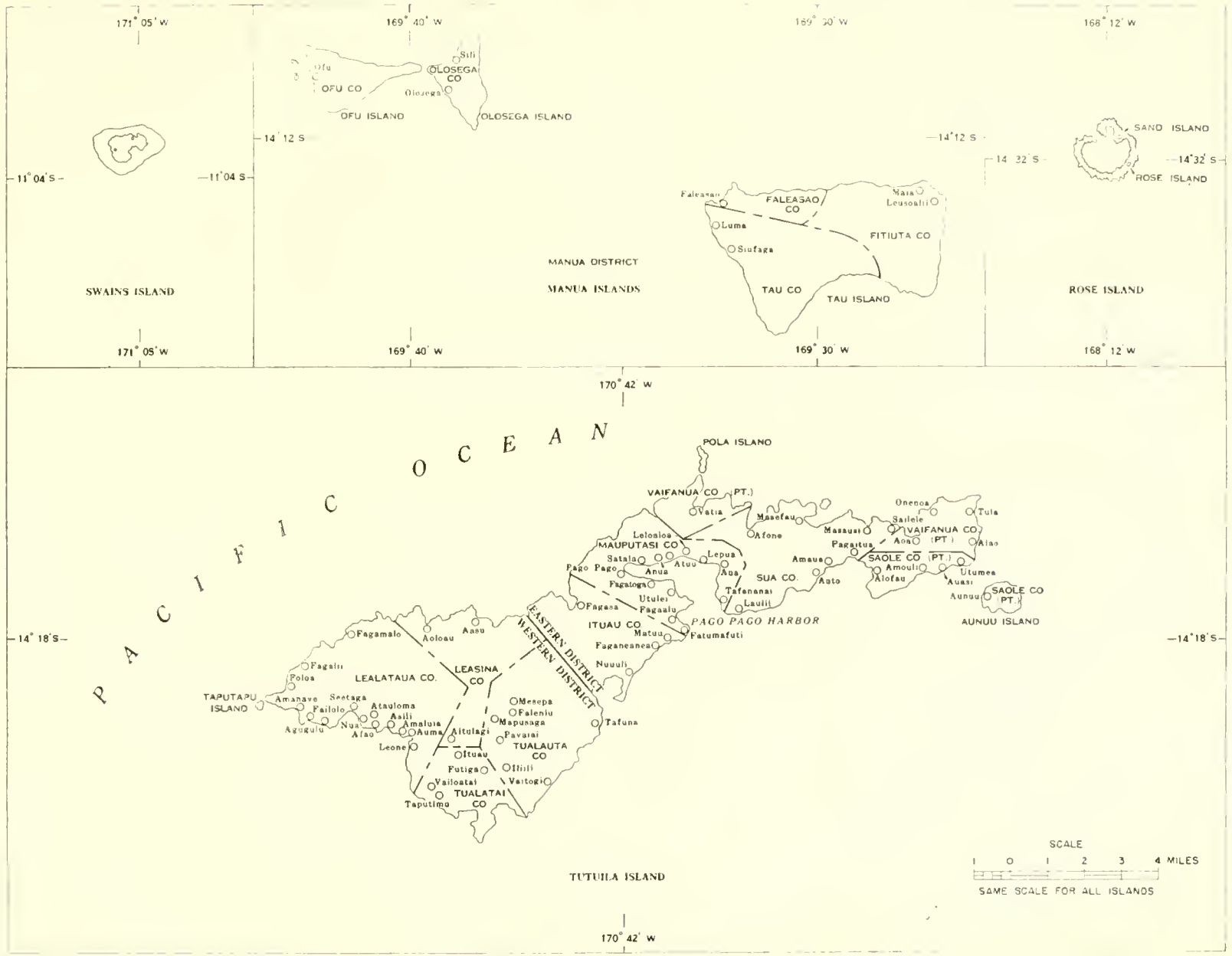
Islands, Districts, and Counties



AMERICAN SAMOA

Introduction.—American Samoa, since July 1, 1951, has been under the administrative control of the Department of the Interior. In response to the Director's letter of April 22, 1955, requesting agricultural data for 1954, the Governor of American Samoa furnished the available statistics. In making the presentation herein, these data have been supplemented by a few taken from the 1955 and 1954 Annual Reports of the Governor to the Secretary of the Interior.

In order to better understand the present situation of agriculture and its future possibilities, parts of a few paragraphs are quoted from the Governor's 1955 Annual Report, as follows:

"American Samoa is composed of 7 islands divided into 3 groups. Tutuila, and adjacent island, Aunuu, are the center of all governmental activities. The Manua group, some 80 miles to the east, is the source of the greater part of copra for export * * *. Rose and Swains Islands are both coral atolls, Rose being uninhabited and Swains being the home of some 75 persons * * *.

"The population of American Samoa is estimated at 21,500 as of June 30, 1955.

"The islands of Tutuila and Manua are volcanic in origin, extremely mountainous, covered with dense tropical vegetation, and surrounded by fringing coral reefs. Steep-sided valleys and narrow coastal plains provide the only area suitable for agriculture. Through their practice of shifting cultivation, the Samoans have been able to utilize the precipitous slopes of the hills for garden plots containing taro, bananas, and tapioca.

"The Samoan economy is essentially agrarian. With the rapidly increasing population, emphasis is being put on increasing subsistence crops, as well as money crops. Cocoa has been introduced during the last year as a source of income, and several small shipments have been made recently for export. Coffee is also being planted, and information on the care and production is being relayed to coffee growers via radio broadcasts and informational booklets. Copra still continues to be the largest export of the indigenous people. (Exports of copra, sun dried, amounted to 1,485 tons for the fiscal year ended June 30, 1955.)

"Most of the agricultural land is very steep and is used for plantations due to the pressure of the population. One church organization uses an area for pasture, and the Government-operated dairy utilizes an area for pasture. These are the only two pastures in American Samoa.

"Land tenure is mainly the matai or family group * * *. Since the bulk of the land is under the matai system, the chief or the matai rents land with the advice of his village council and the proceeds are divided among the members of the clan"

The data received from the Governor of Samoa were compiled from the reports of Extension Agents working for the Samoan Department of Agriculture. The duties of the Extension Agents involve the making of crop reports; conducting special crop surways, for crops such as banana and cocoa; and the giving of advice in general to planters.

There was no mention made of the exact period to which the data relate, the definition of a farm, or the method by which the basic data were obtained. However, since the reporting forms sent to the Governor requested information for 1954, it is presumed that the data furnished relate to some point of time between July 1, 1954, and June 30, 1955. This latter assumption is strengthened by the fact that several of the quoted data are in agreement with those given in the 1955 Annual Report for the year ended June 30 of that year.

Censuses of agriculture.—The first United States Census of Agriculture of American Samoa was taken in 1920 in conjunction with the Census of Population. Since that date a Census of Agriculture has been taken every 10 years up to and including the 1950 Census. There was no Census taken in 1954. Instead, an act of Congress directed that statistics from various Government sources be used.

In the 1950 Census of Agriculture, any place that had any livestock or 5 or more poultry on April 1, 1950, or on which any crops were harvested in 1949, was considered a farm. The enumerator was instructed to obtain a questionnaire for every place that grew crops in 1949 or kept livestock or poultry on April 1, 1950. The determination as to which reports constituted a farm was made during the office processing of the questionnaires in Washington.

The 1950 Agriculture Questionnaire contained 31 questions calling for the name of the operator, the name of the owner of the property if other than operator, acres in the property, the area and quantity of the individual crops harvested in 1949, the number of trees or plants on April 1, 1950, and the quantity harvested in 1949 for individual fruits and nuts, and the number of the several classes of livestock on hand on April 1, 1950.

Presentation of statistics.—Data are presented herein for all Census years and for 1954 when figures are available. In several instances, an assumption has been made that the data relate to 1954 when they could be applicable to 1955 or perhaps to both years. Information is shown for several items, for earlier Census years, even though no data seem to exist for recent years. Since the most recent data can be presented for the entire area only, no attempt has been made to show island or county totals.

TABLE 1.—NUMBER OF FARMS AND NUMBER OF SPECIFIED LIVESTOCK AND POULTRY ON HAND: 1920 TO 1954

Item	[1] 1954	1950 (Apr. 1)	1940 (Apr. 1)	1930 (Apr. 1)	1920 (Jan. 1)
Farms—number	2,000	1,490	1,038	815	(NA)
Horses, mules, and colts—number	50	170	121	215	207
Cattle [2]—number	250	233	272	606	438
Hogs and pigs—number	2,900	9,080	8,641	5,170	4,243
Sheep and lambs—number	[3]	15	34	(NA)	(NA)
Chickens—number	11,950	28,011	22,908	16,108	13,338
Ducks—number	[3]	189	332	667	367
Other poultry—number	[3]	18	159	(NA)	(NA)

NA—Not available.

[1] Probably for some period between July 1, 1954, and June 30, 1955. See text.

[2] Milk production for the Department of Agriculture dairy, for the fiscal year ended June 30, 1954, was 142,426 pounds, according to the 1954 fiscal year report.

[3] Not reported.

TABLE 2.—ACRES OF SPECIFIED CROPS: 1919 TO 1954

Item	1954	1949	1939	1929	1919
Arrowroot—acres	(1)	20	(NA)	4	(NA)
Bananas—acres	2,500	(NA)	(NA)	(NA)	(NA)
Cacao (cocoa)—acres	[2] 2,250	(NA)	(NA)	(NA)	(NA)
Sugarcane for thatching—acres	115	118	(NA)	[3] 13	(NA)
Sweetpotatoes—acres	(1)	4	(NA)	(NA)	(NA)
Taro—acres	600	1,576	(NA)	714	(NA)
Tobacco—acres	50	13	(NA)	168	(NA)
Yams—acres	100	59	(NA)	67	(NA)
Other field crops—acres	(1)	8	(NA)	(NA)	(NA)

NA—Not available.

[1] Not reported.
[2] Approximately 2,000 acres planted in new cocoa between July 1954, and July 1955, according to 1955 fiscal year report.
[3] Sugarcane.

TABLE 3.—NUMBER OF TREES OR PLANTS: 1920 TO 1954

Item	1954	1950	1940	1930	1920
Alligator pears (avocados)—number	(1)	924	1,275	918	(NA)
Bananas—number	[2]	(NA)	459,000	262,590	(NA)
Breadfruit—number	34,000	637,408	[3] 46,000	25,230	(NA)
Cacao (cocoa)—number	[4] 360,000	3,172	1,515	(NA)	(NA)
Coconuts—number	(1)	(NA)	245,000	275,000	(NA)
Copra—tons	1,680	(NA)	[5] 858	1,889	868
Coffee—number	(1)	55	211	(NA)	(NA)
Lemons—number	6,500	2,336	709	259	(NA)
Limes—number	8,000	2,304	2,383	279	(NA)
Mangoes—number	(1)	2,152	3,203	1,615	(NA)
Oranges—number	(1)	5,173	4,699	2,080	(NA)
Papayas—number	(1)	47,843	37,488	18,494	(NA)
Pineapples—number	46,900	53,601	48,273	18,006	(NA)
Citrons—number	(1)	(NA)	560	72	(NA)
Grapefruit—number	(1)	78	203	(NA)	(NA)
Other fruits and nuts—number	(1)	48	324	(NA)	(NA)

NA—Not available.

[1] Not reported.
[2] Plants not reported; 2,500 acres (see Table 2); 2,500 tons as shown in 1955 fiscal year report.
[3] Estimated, data incomplete.
[4] Approximately 2,000 acres planted in new cocoa between July 1954, and July 1955, according to 1955 fiscal year report.
[5] Exports from American Samoa to the United States in 1939.

DISTRICT OF COLUMBIA

Agricultural production has been declining in the District of Columbia, particularly since the turn of the century. Land formerly used for the production of crops or the pasturing of livestock has been utilized largely for residential and office construction (public and private) and for parks, streets, etc.

The approximate land area, in 1950, comprised 39,040 acres. At that time, only 1,265 acres were in farms. Two of the largest farms were institutional, belonging to the Federal Government. Neither of these were in operation in 1954. The following table portrays the trend in the number of farms and in the acreage of farmland and cropland harvested since figures were first gathered in a Federal Census of Agriculture.

Year	Number of farms	Land in farms	Cropland harvested[1]
		(*Acres*)	(*Acres*)
1950	28	1, 265	266
1945	40	1, 854	867
1940	65	2, 341	1, 017
1935	89	2, 801	1, 495
1930	104	3, 071	1, 737
1925	139	3, 813	2, 197
1920	204	5, 668	2, 230
1910	217	6, 063	2, 982
1900	269	8, 489	3, 396
1890	382	11, 745	2, 522
1880	435	18, 146	4, 568
1870	209	11, 677	(NA)
1860	238	34, 263	(NA)
1850	267	27, 454	(NA)

NA—Not available.

[1] Prior to 1925, the data relate to the total acreage of crops for which figures are available.

Since the act of Congress providing for the 1954 Census of Agriculture expressly excluded the District of Columbia from the area for enumeration, an effort was made to ascertain if there were any data available from official sources. Agricultural activities most likely to be carried on in the National Capital area would be plant nurseries, greenhouses, vegetable gardens, and keeping of domestic animals and poultry. The Assessor's Office, particularly the Real Estate Tax Division, the Personal Tax Division, the Sales and Use Tax Division, and the Income and Franchise Tax Division, had no information identifying lands and other forms of property used for agricultural production.

The Health Department makes inspectional visits to dairy farms, dairy plants, etc., for sanitation purposes. A license is needed to raise livestock but none had been issued for 1954 with the exception of a livery stable that keeps riding horses for hire.

A horticulturist of the National Capitol Parks Division of the United States Interior Department named four establishments in the District of Columbia that were growing flowers or plants for sale. The Trees and Parks Division of the District Government confirmed the information concerning the raising of nursery and/or greenhouse crops for sale. An official reported he had observed no places raising vegetables or other crops for sale. In the 1950 Census of Agriculture 2 establishments reported nursery products grown for sale, 16 reported sales of flowers and/or flowering plants, and 10 reported sales of vegetables grown under glass and/or vegetable plants. Four farms reported vegetables grown in the open for sale. An establishment may be represented more than once in the above counts.

The 1950 Census of Agriculture recorded $569,621 as the total value of sales of all farm products for 1949. Of this total, $429,311 was represented by crops, $139,810 by livestock and livestock products, and $500 by forest products. The crop total comprised $1,998 for field crops, $3,575 for vegetables, $206 for fruits and nuts, and $423,532 for horticultural specialties.

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GUAM

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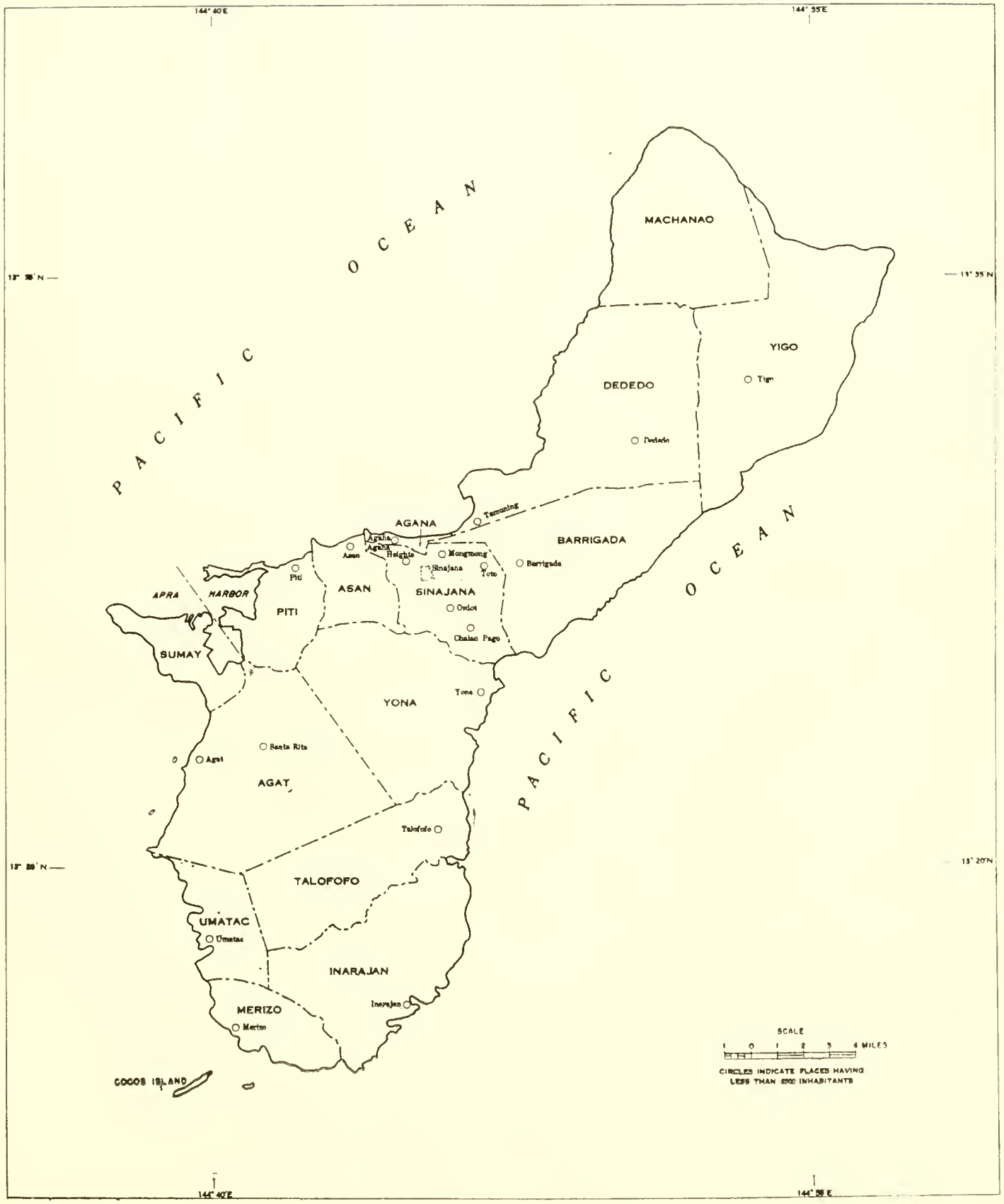
GUAM
Municipalities and Towns



GUAM

Introduction.—The most recent data, in this report, for Guam were secured from the Office of the Governor. Some of the figures were entered on statistical tables which the Bureau of the Census had supplied. The following sentences appeared in the Governor's letter to the Director of the Census: "The data are for the year ending June 30, 1954. They were obtained by our Farm Advisers who collected production figures from individual farmers during the year." The attention of the Bureau was called to additional data which were contained in the Governor's 1954 Annual Report to the Secretary of the Interior. For comparative purposes some data from the 10-year Censuses of Agriculture, beginning with 1920, are also presented.

A few excerpts are quoted from the 1954 Annual Report, for the fiscal year ended June 30.

"This was a challenging year for Guam farmers * * *. The distribution of rainfall, so important to agriculture, was somewhat unfavorable, there being 62.3 inches August to October and only 12.5 inches February to June. Typhoon Nina in August destroyed or retarded an estimated two-thirds of the growing corn, bananas, papayas, and vegetables; and the same proportion of fish weirs. On the favorable side, the farmers found a strong demand for their produce. They saw more evidence that better care of crops and livestock contributes to better harvests, and were challenged to better farming.

"Rice planting was revived by three Talofofo farmers with great success.

"Guam's climate permits pasturing of cattle all seasons of the year. Because of such inexpensive feed, cattle should be the most important kind of livestock in Guam. Large sections of the Island consist of rough and arid lands, suitable only for grazing. Very little grain is readily available for cattle fodder in Guam.

"Guam is well adapted to hog production; there being enough readily available swill to maintain at least 20,000 head.

"* * * The number of farm animals in Guam has passed that of prewar days."

Censuses of agriculture.—The first United States Census of Agriculture was taken in 1920 in conjunction with the Census of Population. A Census of Agriculture has been taken every 10 years since that date.

Most of the comparative data are understandable without explanatory text. However, because of the large difference in the number of farms for 1954 and 1950, the definition of a farm is given for the 1950 Census. For the 1950 Census of Agriculture, places were counted as farms if any crops were grown in 1949 or if any livestock or 5 or more chickens or other poultry were kept in April 1, 1950. However, the Census enumerator was not given that definition of a farm. He was instructed to obtain an agriculture questionnaire for every place on which crops were grown in 1949 or on which any livestock or poultry were kept on April 1, 1950.

TABLE 1.—NUMBER OF FARMS, LAND IN FARMS, AND NUMBER OF LIVESTOCK ON FARMS: 1920 TO 1954

Item		1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1920 (Jan. 1)
Farms	number	[1] 1,380	2,262	2,529	2,104	(NA)
Land in farms	hectares	[1] 814	10,025	26,264	(NA)	(NA)
Carabaos	number	898	679	1,560	3,253	1,160
Cattle	number	5,336	2,847	5,845	6,948	4,535
Goats and kids	number	2,924	748	1,353	1,003	543
Hogs and pigs	number	12,790	7,056	14,089	7,616	4,365
Horses and colts	number	180	58	126	147	73
Chickens	number	171,790	132,781	209,465	154,784	(NA)
Ducks	number	2,639	399	1,027	1,025	(NA)
Other poultry	number	(NA)	529	932	(NA)	(NA)

NA—Not available.
[1] Pasture and range areas not included.

Comparability of 1954 statistics.—The totals given in Table 1 differ slightly from the totals, distributed by municipalities, in Table 5. Those in Table 1 were submitted to the Bureau in the Governor's transmittal in May 1955, while those in Table 5 were taken from the 1954 fiscal year report (year ending June 30, 1954.)

TABLE 2.—FIELD CROPS—AREA AND QUANTITY HARVESTED: 1920 TO 1954

Item		1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1920 (Jan. 1)
Arrowroot	hectares	(NA)	(NA)	38	30	13
	pounds	(1)	3,461	136,640	48,836	34,256
Cassava	hectares	(NA)	4	74	67	32
	pounds	142,275	15,710	472,657	195,511	103,513
Corn	hectares	(NA)	279	881	1,443	880
	pounds	665,140	571,413	2,033,528	2,110,416	[2] 28,947
Sugarcane	hectares	(NA)	2	33	21	5
	pounds	33,040	23,152	408,000	248,078	24,200
Sweetpotatoes	hectares	(NA)	22	128	220	217
	pounds	63,030	107,044	756,415	587,895	[2] 13,671
Taro	hectares	(NA)	77	293	418	191
	pounds	196,440	280,742	(NA)	1,824,957	[3] 1,281,861
Tobacco	hectares	(NA)	(NA)	12	21	32
	pounds	(1)	965	20,260	27,965	36,261
Yams	hectares	(NA)	15	80	163	64
	pounds	32,895	87,283	840,015	1,160,280	[2] 12,104
Rice	acres	4.5	----	517	197	58
	pounds	13,735	----	[2] 10,860	[2] 4,096	[2] 615

NA—Not available.
[1] Very little.
[2] Bushels.
[3] Number.

TABLE 3.—FRUITS AND NUTS—NUMBER OF TREES OR PLANTS AND QUANTITY HARVESTED: 1920 TO 1954

Item		1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1920 (Jan. 1)
Alligator pears (avocados)	trees	(NA)	1,870	10,220	7,407	69
	number	[1] 37,270	67,064	959,881	287,991	5,832
Bananas	plants	(NA)	142,222	535,240	250,521	158,142
	bunches	[1] 550,661	65,266	301,264	196,327	117,298
Breadfruit	trees	(NA)	12,405	36,615	36,493	15,970
	number	[2]	371,589	2,855,606	3,671,190	1,003,700
Coconuts	trees	(NA)	241,816	885,424	1,021,884	404,581
	number	[2]	3,172,106	20,849,546	17,431,589	7,643,200
Coffee	trees	(NA)	7,968	90,254	101,488	32,191
	pounds	[3]	2,465	42,686	54,718	19,553
Kapok	trees	(NA)	418	9,629	6,380	(NA)
	pounds	[3]	1,131	18,283	14,856	(NA)
Mangoes	trees	(NA)	1,758	4,602	6,263	284
	number	[1] 42,335	428,072	1,933,761	1,184,248	32,652
Papayas	plants	(NA)	2,211	7,719	6,847	1,247
	number	[1] 258,340	10,504	78,153	96,712	15,288
Pineapples	plants	(NA)	35,603	134,263	157,528	42,637
	number	24,680	10,726	87,025	118,233	29,928
Citrus, total	trees	(NA)	4,470	24,101	14,710	5,180
	number	[1] 8,350	163,619	2,274,441	1,423,065	689,192
Grapefruit	trees	(NA)	51	760	225	33
	number	(NA)	975	19,726	8,036	1,392
Lemons	trees	(NA)	1,330	11,270	8,496	1,992
	number	(NA)	54,987	868,684	882,233	205,100
Limes	trees	(NA)	234	2,643	1,098	367
	number	(NA)	7,941	373,239	139,749	88,000
Oranges	trees	(NA)	860	5,477	4,891	2,788
	number	(NA)	25,003	365,073	393,047	394,700
Tangerines	trees	(NA)	1,995	3,951	(NA)	(NA)
	number	(NA)	74,713	647,719	(NA)	(NA)
Other fruits	trees	(NA)	52	162	(NA)	(NA)
	number	(NA)	1,153	5,013	(NA)	(NA)

NA—Not available.
[1] Pounds. [2] Plentiful. [3] Very little.

TABLE 4.—SPECIFIED VEGETABLES—AREA AND QUANTITY HARVESTED: 1954, 1950, AND 1940

Item		1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)
Beans (green)	hectares	(NA)	10	2
	pounds	56,426	33,072	3,271
Cabbage	hectares	(NA)	(NA)	------
	pounds	[1] 37,800	615	------
Eggplant	hectares	(NA)	(NA)	(NA)
	pounds	47,911	2,869	295
Peppers	hectares	(NA)	(NA)	(NA)
	pounds	10,139	3,686	55
Tomatoes	hectares	(NA)	13	1
	pounds	21,770	13,628	3,530
Melons	hectares	(NA)	15	5
	pounds	198,870	61,764	36,840
Bittermelons	pounds	555	(NA)	(NA)
Muskmelons	pounds	162,040	(NA)	(NA)
Watermelons	pounds	36,275	(NA)	(NA)
Cucumbers	hectares	(NA)	5	(NA)
	pounds	57,820	20,475	25
Pepinos	hectares	(NA)	(NA)	(NA)
	pounds	11,830	(NA)	(NA)
Pumpkins	hectares	(NA)	(NA)	(NA)
	pounds	2,650	(NA)	(NA)
Squash	hectares	(NA)	(NA)	(NA)
	pounds	13,810	(NA)	(NA)
Onions	hectares	(NA)	(NA)	(NA)
	pounds	17,595	(NA)	(NA)
Radishes	hectares	(NA)	2	------
	pounds	25,933	15,150	------

NA—Not available.
[1] Chinese cabbage.

TABLE 5.—NUMBER OF FARMS AND NUMBER OF CATTLE, SWINE, AND POULTRY, BY MUNICIPALITIES: 1954, 1950, AND 1940.

Municipalities	Farms			Cattle			Swine			Poultry		
	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)
Total	[1] 1,380	2,262	2,529	6,136	2,847	5,845	11,895	7,056	14,089	171,840	133,709	211,424
Agana	(NA)	4	281	83	450	735	147	61	1,759	5,000	275	25,025
Agat	140	205	169	353	81	274	1,450	507	607	17,000	7,230	9,326
Asan	33	95	80	252	89	182	575	302	298	8,000	4,440	3,402
Barrigada	65	561	289	384	703	839	778	1,890	2,429	23,500	36,681	40,854
Dededo	113	87	258	205	53	419	945	299	1,783	20,500	8,583	25,568
Inarajan	130	183	200	1,711	326	703	1,231	634	872	14,300	8,049	8,345
Machanao	[2]	21	81	[2]	11	275	[2]	152	583	[2]	3,125	11,961
Merizo	110	120	240	532	218	200	442	257	489	9,100	4,732	9,389
Piti	20	86	140	134	29	291	315	237	680	2,000	3,720	9,493
Sinajana	218	496	241	712	410	477	1,220	1,114	1,181	29,550	25,442	16,108
Sumay	[2]	1	127	[2]	1	413	[2]	6	631	[2]	122	10,707
Talofofo	150	94	81	574	32	200	475	194	478	8,500	6,002	6,409
Umatac	61	68	139	364	89	67	582	215	317	4,600	3,430	2,635
Yigo	177	101	80	252	131	272	3,000	581	949	16,000	12,127	18,630
Yona	133	140	123	580	224	498	735	607	1,033	13,790	9,751	13,872

NA—Not available.

[1] Pasture and range areas not included.

[2] No data shown for these areas in 1954 fiscal report.

HAWAII

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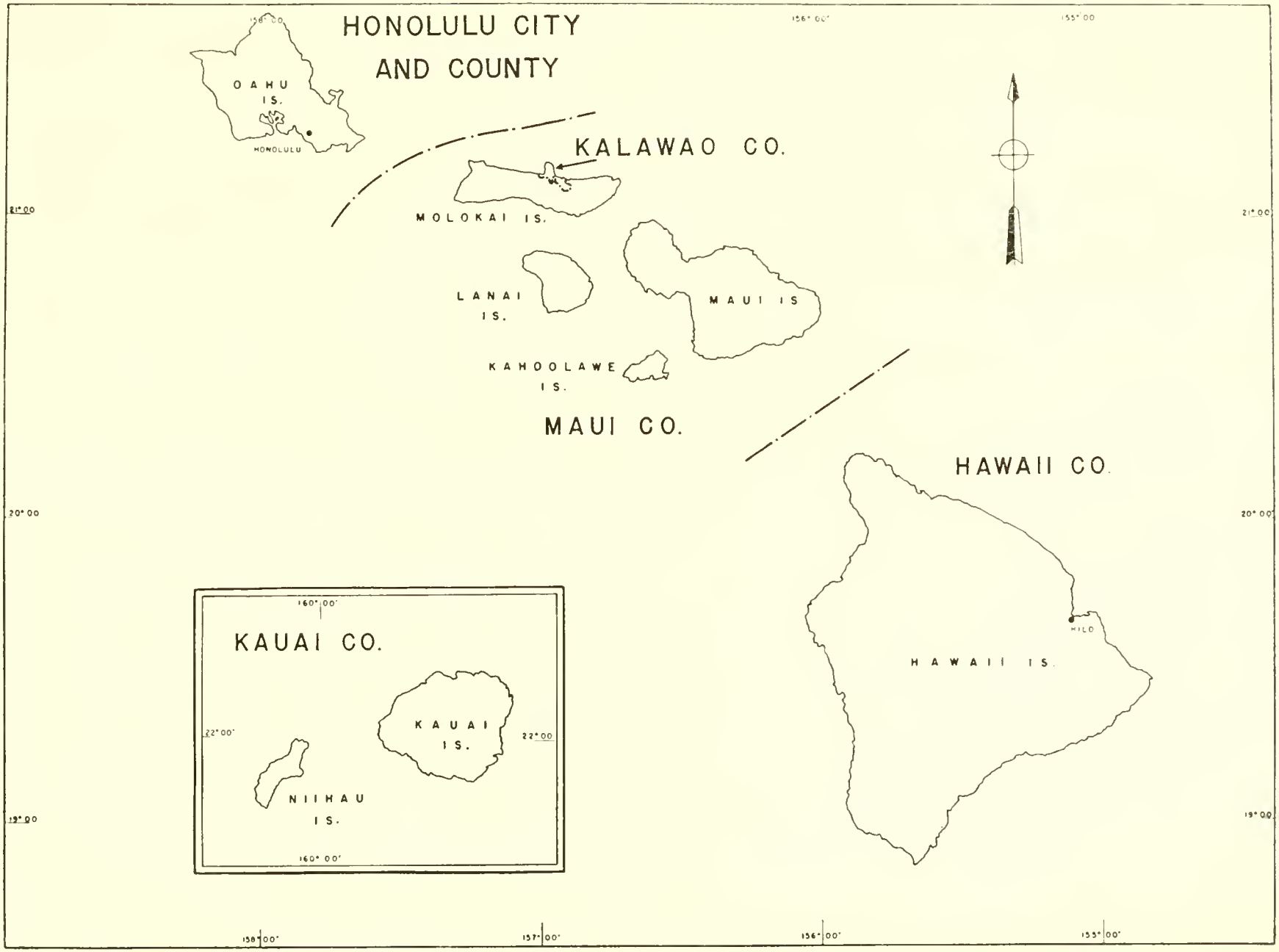
HAWAII


HONOLULU CITY
AND COUNTY
OAHU
IS.
HONOLULU
KALAWAO CO.
MOLOKAI IS.
LANAI
IS.
MAUI IS
KAHOOLAWE
IS.
MAUI CO.
HAWAII CO.
HILO
HAWAII IS.
KAUAI CO.
KAUAI
IS.
NIIHAU
IS.
160° 00'
22° 00'
158° 00'
157° 00'
156° 00'
155° 00'
21° 00'
20° 00'
19° 00'

HAWAII

Introduction.—A request was made to the Agricultural Extension Service, University of Hawaii, for the agricultural statistics for Hawaii which were required for incorporation in the Reports for the 1954 Census of Agriculture. The nature of the data desired was indicated in a set of tables furnished by the Census Bureau.

In the reply to the Bureau's request, it was stated that the available data did not fit well into the outline that had been furnished. The following statement was contained in the correspondence: "In many cases our estimate base is radically different from yours. For example, our crop values are calculated at the wholesale level—yours at the farm level. Our poultry and hog population estimates do not include those kept principally for the owner's household use."

A copy of the annual report entitled "1954 Statistics of Hawaiian Agriculture" was submitted. This and a similar report for 1955 have supplied the most recent factual material given in this section. The 1954 report sets forth the source of the statistics and several of their limitations, as follows:

"The statistics of production and value in this publication relate principally to 'diversified' agriculture, *diversified* being used in the sense of nonplantation crops. Statistical material on the two plantation crops, sugar and pineapples, was furnished by the Hawaiian Sugar Planters' Association and the Pineapple Companies of Hawaii.

"Data on diversified agriculture are for 'commercial' production, which excludes very small farm enterprises, some of the minor crops, and products consumed on farms. A few crops for which production or acreage data are unreliable, e. g., Chinese squash, Chinese peas, yam bean root, peanuts, mangoes, lychee, passion fruit, guavas, plums, grapes, persimmons, and pineapples for the fresh fruit market are not included. *Commercial* production of livestock products is defined as the portion originating from beef cattle herds of 20 or more head, dairy and swine herds of 10 or more, and poultry flocks of 100 or more layers or meat birds.

"Basic livestock data are collected in August or December by mailed questionnaires and enumeration by county agents. Monthly estimates of dairy, poultry, and hog production are obtained from stratified samples of enterprises, supplemented by slaughter records. Production of fruits and vegetables is estimated from recorded wholesale marketings, adjusted for direct sales to retail stores or to consumers, and for field losses of mature crops resulting from market gluts. Coffee, rice, and taro production is estimated from milling records. Acreage of diversified crops is obtained by monthly enumeration."

Censuses of agriculture.—The first Census of Agriculture in Hawaii, by the United States, was taken in 1900 in conjunction with the Decennial Census of Population. Since 1900, a Census of Agriculture has been taken in conjunction with the Census of Population in each decennial enumeration.

Because of the restricted comparability of the available data for Census years with the statistics for recent years, only a few items are included in the historical tables. In order to understand the limitations in the comparability of the data for the two series, the definition of a farm, as used in 1950 only, is given herein. If there is need for contrasting the exact comparability of data for 1950 and earlier years, reference should be made to the 1950 Report for this Territory.

For the 1950 Census of Agriculture, places of 3 or more acres were counted as farms if the value of agricultural products in 1949, exclusive of home gardens, amounted to $150 or more. The agricultural products could have been either for home use or for sale. Places of less than 3 acres were counted as farms only if the value of sales of agricultural products in 1949 amounted to $150 or more. Places operated in 1949 for which the value of agricultural products in 1949 was less than these minima because of crop failure or other unusual situation and places operated in 1950 for the first time were counted as farms if normally they could be expected to produce these minimum quantities of farm products.

All the land under the control of one person or partnership was included as one farm. Control may have been through ownership, or through lease or rental arrangement.

The Census enumerator was not given the definition of a farm. He was instructed to obtain an agriculture questionnaire for every place that the operator considered a farm, for every place of 3 or more acres whether or not it was considered a farm, and for places of less than 3 acres from which agricultural products (vegetables, flowers, orchids, eggs, poultry, hogs, etc.) valued at $100 or more were sold in 1949. Thus, agriculture questionnaires were filled for more places than those that qualified as farms. The determination as to which reports were to be included in the tabulations as representing farms was made during the processing of the questionnaires in Washington. This procedure was followed in order that uniform criteria could be applied.

Land utilization.—Table 1 is presented to show the natural resources available for agricultural production and how these resources were utilized in 1954 and 1950.

TABLE 1.—AGRICULTURAL LAND UTILIZATION: 1954 AND 1950

Use	1954	Census of 1950
	(*Acres*)	(*Acres*)
Total land area	4,099,840	4,099,840
Cultivated area, total	307,200	[1] 296,752
Sugarcane for sugar	220,138	[2] 210,047
Pineapples	73,200	[3] 51,018
Diversified crops	[4] 13,900	(NA)
Coffee	4,320	3,403
Macadamia nuts	2,721	1,161
Rice	205	170
Taro	608	591
Fruits and vegetables	6,043	[5] 12,962
Grazing lands	1,384,000	[6] 1,361,446
Forest reserve	1,045,000	(NA)
Balance	1,363,640	(NA)

NA—Not available.

[1] Total of cropland harvested, cropland for future harvest, and crop failure.
[2] Acres in the crop, Dec. 31, 1949.
[3] Acres in the crop, Apr. 1, 1950.
[4] Acreage data of diversified crops for Molokai not included.
[5] Land in orchards, groves, coffee plantations, planted nut trees, vegetables for sale, Irish potatoes, and sweetpotatoes.
[6] Land in farms, pastured in 1949.

Livestock and poultry.—Comparative figures for livestock and poultry, for 1954 and for Census enumerations, are given in Table 2 for a limited number of items. The 1954 data are for the dates shown in Table 3. Table 4 presents a few of the data for Islands for 1954 only.

Crops.—Tables 5, 6, and 7 present the data for crops. Where possible, the acreage, production, and the wholesale value of marketings are given. Whenever historical data are shown, footnotes have been used to point out any seeming lack of comparability. Historical comparisons and the distribution of data by Islands are limited to those crops with approximately 200 acres or more.

Honey and beeswax are included with crops to conform with the statistics in the 1954 Report. Likewise, the order of arrangement and the classification of the crops are consistent with those in the 1954 Report.

Table 2.—Specified Livestock and Livestock Products: 1900 to 1954

Item	1954 [1]	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1920 (Jan. 1)	Census of 1910 (Apr. 15)	Census of 1900 (June 1)
Horses and mules on hand—number	(NA)	7,564	10,044	12,030	15,947	15,856	12,982
Cattle and calves on hand—number [2]	152,300	155,739	139,078	138,316	137,091	145,029	102,908
Milk sold—gallons	10,126,250	7,483,142	4,442,013	3,064,240	1,166,531	740,184	84,451
Hogs and pigs on hand—number	68,580	65,435	31,684	30,563	24,248	20,484	8,057
Sheep and lambs on hand—number	13,550	13,513	26,207	32,137	43,494	76,710	102,098
Wool shorn—pounds	69,000	80,255	129,964	159,004	260,529	349,711	424,228
Chickens on hand [3]—number	843,000	472,183	272,590	270,523	65,458	64,136	31,888
Chickens sold—number	972,000	610,346	166,545	(NA)	15,250	[4] 67,516	(NA)
Eggs sold—dozen	5,994,600	3,134,347	(NA)	[5] 1,009,866	91,135	[5] 240,408	(NA)

NA—Not available.

[1] For date, see Table 3.
[2] Includes beef cattle and mature dairy cows.
[3] For 1954, chickens of all ages; for 1950 and 1940, 4 months old and over; for 1930 and 1920, age not specified; for 1910, over 3 months old; for 1900 over 3 months old, including guineas.
[4] Poultry of all kinds.
[5] Eggs of all kinds.

Table 3.—Livestock and Livestock Products: 1954

Item	Date or period	Unit	Number
Cattle:			
On hand—Beef cattle on ranches [1]	Dec. 31	Head	152,300
Mature dairy cows [2]	Aug. 31	Head	11,120
Slaughtered—Beef	12 months	Head	34,350
Dairy [3]	12 months	Head	2,030
Value, total	12 months	Dollars	7,255,000
Beef	12 months	Dollars	6,965,000
Dairy [3]	12 months	Dollars	290,000
Milk sold, total	12 months	Quarts	40,505,000
Value	12 months	Dollars	7,500,000
Swine (hogs and pigs):			
On hand, total	Aug. 31	Head	68,580
Above weaning age	Aug. 31	Head	53,790
Boars	Aug. 31	Head	890
Sows and gilts	Aug. 31	Head	7,950
Market hogs	Aug. 31	Head	44,950
Suckling pigs	Aug. 31	Head	14,790
Slaughtered	12 months	Head	76,400
Value	12 months	Dollars	3,980,000
Sheep:			
On hand	Dec. 31	Head	13,550
Slaughtered	12 months	Head	1,775
Value	12 months	Dollars	26,000
Wool produced	12 months	Pounds	69,000
Value	12 months	Dollars	36,000
Poultry:			
Chickens on hand, total	Aug. 31	Birds	843,000
Layers	Aug. 31	Birds	416,000
Pullets, 6 weeks to laying	Aug. 31	Birds	179,000
Other chickens over 6 weeks	Aug. 31	Birds	109,000
Chickens under 6 weeks	Aug. 31	Birds	139,000
Meat birds produced [4]	12 months	Birds	972,000
Sold	12 months	Birds	924,000
Value	12 months	Dollars	1,809,000
Eggs produced	12 months	Cases	199,820
Sold	12 months	Cases	194,600
Value	12 months	Dollars	4,121,000

[1] Herds of 20 or more head.
[2] Herds of 10 or more head of mature cows.
[3] Marketings, including calves.
[4] Flocks of 100 or more layers or meat birds.

Table 4.—Livestock [1] and Livestock Products, by Islands: 1954

Item	Unit	The Territory	Island				
			Hawaii	Maui	Molokai, Lanai	Oahu	Kauai, Niihau
Cattle:							
On hand—Beef cattle on ranches [2]	Head	152,300	104,900	24,900	3,450	8,000	11,050
Mature dairy cows [3]	Head	11,120	(NA)	(NA)	(NA)	(NA)	(NA)
Milk sold, total	Quarts	[4] 40,505,000	2,883,000	2,345,000	44,000	34,060,000	1,373,000
Swine (hogs and pigs) on hand	Head	68,580	5,460	4,080	990	54,770	3,390
Sheep on hand	Head	13,550	(NA)	(NA)	(NA)	(NA)	(NA)
Wool produced	Pounds	69,000	57,000	(NA)	(NA)	(NA)	12,000
Poultry:							
Chickens on hand, total	Birds	843,000	152,200	42,300	1,700	590,800	56,100
Meat birds produced [5]	Birds	972,000	182,000	47,000	5,000	671,000	67,000
Eggs produced	Cases	199,820	41,800	15,760	530	129,630	12,100

NA—Not available.

[1] For dates, see Table 3.
[2] Herds of 20 or more head.
[3] Herds of 10 or more head of mature cows.
[4] Detail does not add to total.
[5] Flocks of 100 or more layers or meat birds.

TABLE 5.—ACRES AND PRODUCTION OF SPECIFIED CROPS: 1900 TO 1954

Item	Unit	[1] 1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1920 (Jan. 1)	Census of 1910 (Apr. 15)	Census of 1900 (June 1)
Sugar	Acres	220,138	[2] 210,047	239,451	(NA)	(NA)	(NA)	(NA)
	Tons	(NA)	7,888,526	8,535,023	7,471,452	4,862,707	4,240,238	2,239,376
Pineapples	Acres	73,200	[2] 51,018	48,598	(NA)	(NA)	(NA)	(NA)
	Tons	(NA)	654,915	614,484	354,940	149,991	[4] 12,361,695	[4] 116,560
Fruits and melons:								
Avocados	Acres	194	299	(NA)	(NA)	(NA)	(NA)	(NA)
	Pounds	920,000	531,016	1,084,612	[4] 308,314	[4] 68,575	63,247	(NA)
Bananas	Acres	924	1,137	705	(NA)	(NA)	(NA)	(NA)
	Pounds	6,400,000	5,363,791	8,382,000	[4] 278,063	[5] 160,953	[5] 333,069	[5] 141,653
Mangoes	Acres	(NA)	279	(NA)	(NA)	(NA)	(NA)	(NA)
	Pounds	(NA)	281,394	220,673	[4] 485,192	[4] 353,398	[6] 2,265	(NA)
Papayas	Acres	652	907	(NA)	(NA)	(NA)	(NA)	(NA)
	Pounds	10,885,000	3,809,371	5,232,000	[4] 1,388,989	[4] 739,556	[7] 22,078	(NA)
Watermelons	Acres	533	596	204	520	(NA)	(NA)	(NA)
Vegetables for sale:								
Beans, snap	Acres	204	381	301	139	(NA)	(NA)	(NA)
Cabbage, head	Acres	493	672	553	594	(NA)	(NA)	(NA)
Cabbage, Chinese	Acres	275	353	285	(NA)	(NA)	(NA)	(NA)
Corn, green	Acres	376	353	129	(NA)	(NA)	(NA)	(NA)
Daikon	Acres	284	326	(NA)	(NA)	(NA)	(NA)	(NA)
Lettuce	Acres	276	376	121	(NA)	(NA)	(NA)	(NA)
Potatoes	Acres	74	106	487	214	405	353	166
	Hundredweight	4,600	4,956	19,916	6,054	13,664	9,732	5,545
Sweetpotatoes	Acres	173	279	180	336	232	270	135
	Hundredweight	15,900	12,177	9,271	18,777	13,008	12,104	5,106
Tomatoes	Acres	481	582	449	309	(NA)	(NA)	(NA)
Miscellaneous crops:								
Coffee	Acres	4,320	3,403	4,136	5,360	5,687	3,727	(NA)
	Pounds	8,264,000	4,648,155	8,546,783	19,949,521	19,883,650	9,834,026	(NA)
Macadamia nuts	Acres	2,721	1,161	(NA)	(NA)	(NA)	(NA)	(NA)
	Pounds	930,000	703,931	181,159	5,272	(NA)	(NA)	(NA)
Rice	Acres	205	170	509	2,045	5,801	9,425	9,130
	Hundredweight	6,150	6,585	19,018	75,821	295,718	418,279	334,424
Field corn	Acres	(NA)	752	1,862	1,532	6,027	3,190	3,238
	Hundredweight	(NA)	9,639	16,320	20,080	64,473	46,917	64,900
Napier grass	Acres	(NA)	1,216	468	(NA)	(NA)	(NA)	(NA)
	Tons	(NA)	13,050	[8] 16,902	(NA)	(NA)	(NA)	(NA)
Taro	Acres	608	591	622	772	(NA)	(NA)	(NA)
	Hundredweight	105,750	104,897	115,800	239,020	(NA)	(NA)	(NA)

NA—Not available.

[1] Molokai not included. Production for 1954 was estimated from recorded marketings, with adjustments for direct sales to retailers or consumers by farmers. Field losses resulting from market gluts are included in the production estimates.

[2] Acres in the crop, December 31, 1949.

[4] Acres in the crop, April 1, 1950.

[4] Number.

[5] Bunches.

[6] Boxes.

[7] Bags.

[8] Green weight.

TABLE 6.—ACRES, PRODUCTION, AND VALUE OF SPECIFIED CROPS: 1954 [1]

Item	Acres [2]	Production [3]	Value [4]
		Pounds	*Dollars*
All crops, total	307,926	(NA)	260,974,000
Sugar	220,138	(NA)	141,000,000
Pineapples	73,200	(NA)	108,000,000
Fruits and melons, total	2,385	22,310,000	1,585,000
Avocados:			
Bearing	164	920,000	76,000
Nonbearing	30	----------	----------
Bananas: [5]			
Bearing	862	6,400,000	459,000
Nonbearing	62	----------	----------
Oranges:			
Bearing	24	240,000	12,000
Nonbearing	--------	----------	----------
Papayas:			
Bearing	464	10,885,000	629,000
Nonbearing	188	----------	----------
Tangerines	22	370,000	56,000
Cantaloups	36	265,000	47,000
Watermelons	533	3,230,000	306,000
Vegetables, total	3,658	42,630,000	4,158,000
Beans, snap	204	1,925,000	290,000
Broccoli	62	350,000	67,000
Burdock	41	665,000	113,000
Cabbage, head	493	8,175,000	315,000
Cabbage, Chinese	275	2,710,000	286,000
Cabbage, mustard	71	920,000	86,000
Carrots	90	905,000	53,000
Cauliflower	35	300,000	43,000
Celery	48	1,225,000	144,000
Vegetables—Continued		*Pounds*	*Dollars*
Corn, green	376	1,245,000	96,000
Cucumbers	292	3,360,000	363,000
Daikon	284	3,535,000	148,000
Dasheens	16	365,000	59,000
Eggplant	35	580,000	54,000
Ginger root	11	505,000	107,000
Lettuce	276	2,730,000	329,000
Lotus root	60	440,000	109,000
Onions, dry	80	740,000	46,000
Onions, green	35	480,000	66,000
Peppers, sweet	80	810,000	131,000
Potatoes	74	460,000	27,000
Pumpkins	33	285,000	7,000
Squash, Italian	12	215,000	28,000
Sweetpotatoes	173	1,590,000	125,000
Tomatoes	481	5,670,000	822,000
Watercress	21	2,445,000	244,000
Miscellaneous crops, total	8,545	20,384,000	6,209,000
Coffee: [6]			
Bearing	3,546	8,264,000	5,537,000
Nonbearing	1,465	----------	----------
Macadamia nuts: [7]			
Bearing	1,326	930,000	150,000
Nonbearing	1,395	----------	----------
Rice [8]	205	615,000	105,000
Taro	608	10,575,000	408,000
Honey and beeswax	--------	----------	[9] 22,000

NA—Not available.

[1] Data for Molokai not included.

[2] Acreage of tree fruits, lotus root, taro, and water cress is average acreage for year. Acreage of melons, other vegetables, and rice is plantings harvested during the year. Acreage of coffee and macadamia nuts is that at end of year.

[3] Production is estimated from recorded marketings, with adjustments for direct sales to retailers or consumers by farmers. Field losses resulting from market gluts are included in the production estimates.

[4] Value is calculated at average wholesale prices of marketings on the Island of origin. No value is included for the following quantities of crops not harvested because of market conditions (1,000 pounds): 15 avocados, 50 oranges, 170 papayas, 10 tangerines, 270 head cabbage, 55 carrots, 30 cucumbers, 5 dry onions, 155 pumpkins, 60 sweetpotatoes, and 75 tomatoes. Value of sugar and pineapples includes processed products and byproducts.

[5] Includes cooking bananas.

[6] Crop year ending June 30 for production and value; green basis.

[7] Production and value are in-shell basis.

[8] Production and value are milled basis.

[9] Revised figure is 37,000. 22,000 was retained to maintain internal consistency.

TABLE 7.—ACRES AND PRODUCTION OF SPECIFIED CROPS, BY ISLANDS:[1] 1954

Item	Unit	The Territory	Hawaii	Maui	Oahu	Kauai
Sugar	Acres	220,138	(NA)	(NA)	(NA)	(NA)
	Tons	(NA)	(NA)	(NA)	(NA)	(NA)
Pineapples	Acres	73,200	(NA)	(NA)	(NA)	(NA)
	Tons	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits and Melons:						
Avocados	Acres	194	156	32	----------	6
	Pounds	920,000	745,000	135,000	----------	40,000
Bananas	Acres	924	47	53	816	8
	Pounds	6,400,000	390,000	310,000	5,615,000	85,000
Papayas	Acres	652	159	11	477	5
	Pounds	10,885,000	2,500,000	100,000	8,200,000	85,000
Watermelons	Acres	533	18	99	400	16
	Pounds	3,230,000	160,000	550,000	2,220,000	300,000
Vegetables for sale:						
Beans, snap	Acres	204	32	27	123	22
	Pounds	1,925,000	230,000	240,000	1,295,000	160,000
Cabbage, head	Acres	403	84	315	64	30
	Pounds	8,175,000	1,380,000	5,715,000	715,000	365,000
Cabbage, Chinese	Acres	275	63	46	154	12
	Pounds	2,710,000	640,000	530,000	1,450,000	90,000
Corn, green	Acres	376	18	18	320	20
	Pounds	1,245,000	80,000	70,000	1,000,000	95,000
Daikon	Acres	284	236	5	43	----------
	Pounds	3,535,000	2,600,000	85,000	850,000	----------
Lettuce	Acres	276	185	25	66	----------
	pounds	2,730,000	1,530,000	285,000	915,000	----------
Potatoes	Acres	74	13	61	----------	----------
	Hundredweight	4,600	1,000	3,600	----------	----------
Sweetpotatoes	Acres	173	43	9	94	27
	Hundredweight	15,900	4,000	850	9,400	1,650
Tomatoes	Acres	481	76	87	253	65
	Pounds	5,670,000	870,000	1,130,000	3,030,000	640,000
Miscellaneous crops:						
Coffee	Acres	4,320	4,280	15	----------	25
	Pounds	8,264,000	8,264,000	----------	----------	----------
Macadamia nuts	Acres	2,721	2,055	273	150	243
	Pounds	930,000	670,000	15,000	110,000	135,000
Rice	Acres	205	----------	----------	----------	205
	Hundredweight	6,150	----------	----------	----------	6,150
Taro	Acres	608	126	77	250	155
	Hundredweight	105,750	22,000	15,550	33,900	34,300

NA—Not available.

[1] Data for Molokai not included. Production for 1954 was estimated from recorded marketings, with adjustments for direct sales to retailers or consumers by farmers. Field losses resulting from market gluts are included in the production estimates.

Farms reporting.—Table 8 shows the number of diversified commercial-size enterprises for which 1954 data are presented. (See Introduction for size of enterprise included.) These are contrasted with the number of farms reporting the like item, as obtained in the 1950 Census of Agriculture.

TABLE 8.—NUMBER OF DIVERSIFIED COMMERCIAL-SIZE ENTERPRISES, 1954; AND NUMBER OF FARMS REPORTING, CENSUS OF 1950; FOR SELECTED ITEMS OF PRODUCTION.

Item	1954	Census of 1950
Total farms	(NA)	5,750
Sugarcane	(NA)	1,163
Pineapples	(NA)	55
Coffee	906	686
Macadamia nuts	112	407
Honey	27	42
Rice	52	45
Taro	259	[1] 325
Fruits and vegetables	1,899	[2]
Cattle	[3] 933	1,048
Sheep	3	27
Swine	419	1,710
Poultry	335	[4] 3,072

NA—Not available.

[1] 87 reporting upland and 238 reporting wetland.

[2] 1,222 reporting vegetables harvested for sale and 1,434 reporting tree fruits, nuts, and coffee.

[3] 847 beef cattle enterprises of all sizes at the end of 1954, 86 dairy enterprises.

[4] Reporting chickens 4 months old and over on hand.

Value of marketings.—Table 9 brings together the value of marketings for the principal commodities which enter into commercial channels. The values were calculated at the wholesale or processing plant level for products consumed in the Territory, and free alongside ship, island port, for diversified export products. Values of diversified crops and livestock are for marketings and exclude the value of products consumed on farms or not harvested because of marketing factors.

Agricultural products in 1954 were valued at $285,737,000. Of this total $141,000,000 was represented by sugar. The value of processed pineapple products was $108,000,000. Livestock products contributed $24,763,000 and diversified crops accounted for nearly $12,000,000. The value of processed fruits, other than pineapples, and of flowers and foliage was not estimated.

The value of coffee production (green basis, f. o. b. mill) for the crop year ending June 1954, was $5,537,000. Macadamia nut production amounted to $159,000; rice, $105,000; taro for poi manufacture, $408,000; and honey and beeswax, $22,000.

TABLE 9.—VALUE OF AGRICULTURAL MARKETINGS: 1954 [1]

Item	Value of production	
	Total	Percent of total
	Dollars	
All agricultural products	285,737,000	100.0
Sugar products [2]	141,000,000	49.3
Processed pineapple products [3]	108,000,000	37.8
Diversified crops, total [4]	11,974,000	4.2
Coffee, green [5]	5,537,000	1.9
Macadamia nuts (in shell)	159,000	0.1
Honey and beeswax [6]	22,000	(Z)
Rice (milled)	105,000	(Z)
Taro (for manufacture)	408,000	0.2
Fruits and vegetables [7]	5,743,000	2.0
Livestock products, total [8]	24,763,000	8.7
Beef	6,965,000	2.4
Dairy, meat, and milk	7,826,000	2.8
Mutton and wool	62,000	(Z)
Swine	3,980,000	1.4
Poultry, meat and eggs	5,930,000	2.1

Z—Less than 0.05 percent.

[1] Calendar year unless otherwise specified.

[2] Hawaiian Sugar Planters' Association data; includes raw sugar 96° delivered at coast refinery; molasses, bagasse and other byproducts.

[3] Pineapple companies of Hawaii data; crop years ending May 31; includes canned fruit, juice, and industry byproducts.

[4] Wholesale value, island of origin.

[5] Value f. o. b. Kona Mill, crop year ending June 30.

[6] Value f. a. s. island port.

[7] Wholesale value, island of origin; fresh pineapples excluded.

[8] Value at slaughterhouse, bottling plant, or wholesale.

PUERTO RICO

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PUERTO RICO

Distritos Senatoriales, Municipalidades, Ciudades y Pueblos—Senatorial Districts, Municipalities, Cities, and Towns

PUERTO RICO

Introduction.—The Department of Agriculture and Commerce of the Commonwealth of Puerto Rico supplied the 1954 data which are incorporated in this section. The reply to the Bureau's request for information contained this pertinent paragraph:

"* * * we are returning the tables with all the available data for 1954. The data in the tables have been adjusted to make them comparable to the 1950 census figures; that is, we have eliminated from our estimates all the information related to the parcelas or farms of less than 3 cuerdas."

The reply also made reference to a report entitled "Gathering of Agricultural Basic Data in Puerto Rico" for a detailed description of the methods used in the collection of agricultural data in Puerto Rico. This descriptive report refers to initiation of a sample survey in 1950. During that year, four surveys were conducted in which 1,000 to 3,000 farmers were interviewed in a sample of areas (generally "barrios") scientifically selected to represent the entire island. There is no clear indication whether or not this seasonal sampling plan has been continued.

There are certain check data which can be used advantageously in making estimates for the Commonwealth. A few paragraphs from that Report are quoted to bring out the nature of the problem of making estimates and what was covered in the initial survey.

"This small island is predominantly agricultural, with a large percentage of the population dependent, either directly or indirectly, upon agriculture as a means of livelihood. There are on the Island about 55,000 farms ranging in size from 3 acres up to 15,000 acres or more and a similar number of parcelas of 0.25 to 2.99 acres. The average size of farms is about 35 acres (median value of 9 acres) and of parcelas, about 1 acre. Approximately one-half of the 2,000,000 acres of land in farms is cultivated. However, because of the year-round growing season, land may produce 2, 3 or even 4 crops during a year.

"On the basis of findings thus far it would appear desirable and feasible to inaugurate at once a regular and continuing program of reports on acreage, condition and progress, yield per acre, production, price, and value for 6 crops; namely, sugarcane, tobacco, cotton, pineapples, coconuts, and coffee. A high percentage—85 to 100 percent—of each of these crops is sold by the growers, either for export or for consumption on the Island. Furthermore, each tends to follow a regular seasonal pattern rather than being harvested in small quantities throughout the year. Independent check data are available through cane mills, cooperative associations, processors, coffee roaster, etc. These data can be used to check on the reliability of the information obtained from respondents by whatever method that might be used. * * * Livestock inventories, milk and egg production, plantains, ñames, dry beans, avocados, bananas, oranges, and sweetpotatoes appear to be the items that should be given next priority, since 40 to 75 percent of these crops are estimated as being sold. Also, most of these crops are grown on a sufficiently large number of farms to permit the use of sampling techniques already known. Other crops, of which less than one-third are sold, should be tackled only after the regular program is established and working smoothly for the items appearing in the first 2 categories.

"There remain many problems still to be solved in relation to the formulation of questions and the obtaining of accurate answers from farmers. To this end, we are continuing our analysis in conjunction with the Census and utilizing other data in our files. We are on the lookout for new check data and for new methods of checking the reliability of the estimates derived from our surveys."

The definition of a farm, of a farmer, and of a parcela, as used in the early surveys, are as follows:

"A farm consists of land of not less than 3 'cuerdas' on which agricultural operations are performed or directed by a person, partnership, or corporation (condensation of Census definition).

"A farmer is the operator of a farm. The farmer may own the land that he farms, he may have control of the land under a rental agreement, or he may have been employed as a manager. In this paper the term 'farmer' is used also in a general sense in reference to anyone who has an agricultural operation, no matter how small the amount of land that he farms.

"A 'parcela' consists of land of from ¼ to 3 'cuerdas' which comprises an entire agricultural operation."

Censuses of agriculture.—The first Census of Agriculture taken in Puerto Rico by the United States was made as of April 15, 1910. Since that time, a Census of Agriculture has been taken in conjunction with the Census of Population in each decennial enumeration. In 1935, a special Census of Puerto Rico was taken by the Puerto Rico Reconstruction Administration.

The 1950 Census of Agriculture was taken as of April 1, 1950. Inventory items relate approximately to that date. Data relating to areas and quantity of crops (except sugarcane) harvested and to sales of agricultural products are for the crop year extending from April 1, 1949, to March 31, 1950. Data on the area and quantity of sugarcane harvested are for the crop year extending from December 1, 1948, to November 30, 1949.

For previous Censuses, the inventory items relate to the date of the Census and the production items, with the exception of 1935, to the preceding calendar year. For 1935, the production items relate to the calendar year 1935.

For the 1950 Census of Agriculture, places of 3 or more cuerdas were counted as farms if any agricultural products other than vegetables for home use were produced in 1949 or if any livestock or 15 or more chickens or other poultry were kept on the place.

All the land under the control of one person or partnership was included as one farm. Control may have been through ownership, or through lease or rental arrangement.

In the 1950 enumeration, the Census enumerator was not given the definition of a farm. He was instructed to obtain an agriculture questionnaire for every place of 3 or more cuerdas, whether or not it was considered a farm. Thus, agriculture questionnaires were filled for more places than those that qualified as farms. The determination as to which reports were to be included in the tabulations as representing farms was made during the processing of the questionnaires in Washington.

The number of questionnaires which were retained in 1950 as representing farms was 53,515. Tracts of less than 3 cuerdas, with agricultural production, were not counted as farms in 1950. These places were enumerated as parcelas. They totaled 51,157 for that enumeration year. Most of these small tracts kept poultry and produced a variety of crops.

Presentation of statistics.—Data are presented only for the Commonwealth, as a whole. Comparative data are usually given for all Census enumerations. In a few instances, Census data are presented even though no recent data are available.

TABLE 1.—NUMBER AND AREA OF FARMS: 1910 TO 1954

Item	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1935 (Dec. 1)	Census of 1930 (Apr. 1)	Census of 1920 (Jan. 1)	Census of 1910 (Apr. 15)
Number of farms	52,096	53,515	55,519	52,790	52,965	41,078	58,371
All land in farms (cuerdas)	1,783,985	1,844,886	1,885,874	1,913,047	1,979,474	2,022,404	2,085,162
Percent of total land area [1]	79.1	81.8	83.6	84.8	87.8	89.7	92.4
Average per farm (cuerdas)	34.2	34.5	34.0	36.2	37.4	49.2	35.7

[1] The total land area is 2,255,684 cuerdas. A cuerda is equivalent to 0.9712 of an acre.

TABLE 2.—FARMS REPORTING AND NUMBER OF LIVESTOCK ON FARMS: 1910 TO 1954

Item	1954	1950 (Apr. 1)	1940 (Apr. 1)	1935 (Dec. 1)	1930 (Apr. 1)	1920 (Jan. 1)	1910 (Apr. 15)
	Farms reporting						
Horses and colts	15,000	19,126	[1] 16,239	20,801	23,257	22,681	24,367
Burros and mules		1,794	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle and calves	33,000	32,852	[1] 31,031	29,978	(NA)	25,208	30,647
Hogs and pigs	34,000	30,607	[2] 31,542	32,085	27,748	27,854	33,247
Sheep and lambs	(NA)	500	[3] 698	354	603	604	866
Goats and kids	11,000	11,505	[2] 13,799	15,189	13,421	11,901	17,717
Chickens	39,000	[4] 47,241	[2] 44,849	42,865	44,307	36,273	44,601
	Number						
Horses and colts	37,000	36,390	[1] 33,688	35,976	42,120	46,922	55,225
Burros and mules		5,419	[1] 6,199	7,734	7,583	7,911	5,554
Cattle and calves	314,000	289,389	[1] 299,734	266,154	296,235	263,710	313,886
Hogs and pigs	53,000	91,069	[3] 97,306	79,508	69,266	98,760	103,041
Sheep and lambs	(NA)	3,121	[2] 3,488	3,363	3,259	3,755	5,525
Goats and kids	16,000	39,311	[2] 42,861	36,478	34,269	32,971	45,982
Chickens	451,000	[4] 799,353	[2] 769,934	667,749	684,448	599,352	599,070

NA—Not available.
[1] Over 3 months old.
[2] Over 4 months old.
[3] Over 6 months old.
[4] Chicken hens only.

TABLE 3.—FARMS REPORTING, AREA, AND QUANTITY HARVESTED FOR SELECTED CROPS: 1909 TO 1954

Item and year	Farms reporting		Cuerdas harvested		Quantity harvested		
	Number	Percent of all farms	Total	Average per farm reporting	Unit	Quantity	Average per cuerda
Pineapples:							
1954	10	(1)	2,300	230.0	Tons	26,000	11.2
1949	140	0.3	3,553	25.4	Tons	33,462	9.4
1939	268	0.5	1,912	7.1	Tons	11,971	6.3
1935	847	1.6	(NA)	(NA)	Tons	14,236	(NA)
1929	1,438	2.7	(NA)	(NA)	Tons	16,365	(NA)
1919	445	1.1	(NA)	(NA)	Tons	6,940	(NA)
1909	590	1.0	(NA)	(NA)	Tons	16,388	(NA)
Sugarcane:							
1954	16,000	30.7	362,500	22.6	Tons	10,880,000	30.0
1949	11,204	20.9	344,067	30.7	Tons	10,699,147	31.1
1939	9,896	17.8	229,750	23.2	Tons	7,237,717	31.5
1935	7,089	13.4	245,154	34.6	Tons	8,299,977	33.9
1929	7,103	13.4	237,758	33.5	Tons	5,602,451	23.6
1919	8,839	21.5	227,815	25.8	Tons	3,961,984	17.4
1909	6,816	11.7	145,433	21.3	Tons	3,180,750	21.9
Coffee:							
1954	20,700	39.7	159,300	7.7	Pounds	19,280,000	121
1949	24,657	46.1	176,386	7.2	Pounds	25,661,626	145
1939	22,407	40.4	181,106	8.1	Pounds	32,652,044	180
1935	21,125	40.0	182,316	8.6	Pounds	25,855,543	142
1929	17,295	27.5	191,712	11.1	Pounds	7,331,877	38
1919	22,704	55.3	193,561	8.5	Pounds	53,209,362	275
1909	25,433	43.6	186,875	7.3	Pounds	52,717,727	282
Tobacco:							
1954	11,900	22.8	39,000	3.3	Pounds	32,757,000	840
1949	14,937	27.9	26,834	1.8	Pounds	22,254,260	829
1939	16,918	30.5	28,584	1.7	Pounds	19,885,377	696
1935	17,686	33.5	45,720	2.6	Pounds	31,254,288	684
1929	17,106	32.3	52,947	3.1	Pounds	30,358,149	573
1919	9,561	23.3	39,068	4.1	Pounds	19,362,826	496
1909	8,329	14.3	22,142	2.7	Pounds	10,827,755	489

See footnotes at end of table.

TABLE 3.—FARMS REPORTING, AREA, AND QUANTITY HARVESTED FOR SELECTED CROPS: 1909 TO 1954—CONTINUED

Item and year	Farms reporting		Cuerdas harvested		Quantity harvested		
	Number	Percent of all farms	Total	Average per farm reporting	Unit	Quantity	Average per cuerda
Rice:							
1954	3,200	6.1	10,800	3.4	Pounds	5,939,000	550
1949	4,299	8.0	5,342	1.2	Pounds	2,480,080	464
1939	8,716	15.7	13,753	1.6	Pounds	7,915,600	576
1935	6,233	11.8	9,386	1.5	Pounds	4,890,600	521
1929	3,277	6.2	5,244	1.6	Pounds	2,212,600	422
1919	5,232	12.7	11,749	2.2	Pounds	5,359,400	456
1909	8,882	15.2	16,138	1.8	Pounds	6,962,300	431
Dry beans:							
1954	15,600	29.9	15,600	1.0	Pounds	10,300,000	660
1949	18,372	34.3	19,962	1.1	Pounds	5,808,972	291
1939	31,543	56.8	48,363	1.5	Pounds	19,248,800	398
1935	25,202	47.7	31,470	1.2	Pounds	13,501,200	429
1929	25,165	47.5	40,902	1.6	Pounds	19,420,300	475
1919	16,095	39.2	34,907	2.2	Pounds	16,339,400	468
1909	11,693	20.0	20,652	1.8	Pounds	7,533,200	365
Corn:							
1954	18,600	35.7	39,100	2.1	Pounds	25,424,000	650
1949	24,344	45.5	39,497	1.6	Pounds	23,122,102	585
1939	32,236	58.1	59,350	1.8	Pounds	36,811,000	620
1935	25,298	47.9	49,820	2.0	Pounds	31,659,300	635
1929	32,309	61.0	70,217	2.2	Pounds	44,901,600	639
1919	21,656	52.7	58,785	2.7	Pounds	37,307,000	635
1909	27,400	46.9	56,640	2.1	Pounds	30,701,200	542
Cowpeas:							
1954	5,500	10.5	4,400	0.8	Pounds	2,125,000	483
1949	4,804	9.0	3,701	0.8	Pounds	1,079,467	292
1939	10,314	18.6	12,373	1.2	Pounds	5,048,000	408
1935	2,852	5.4	3,379	1.2	Pounds	3,748,200	1,109

See footnotes at end of table.

TABLE 3.—FARMS REPORTING, AREA, AND QUANTITY HARVESTED FOR SELECTED CROPS: 1909 TO 1954—CONTINUED

Item and year	Farms reporting		Cuerdas harvested		Quantity harvested		
	Number	Percent of all farms	Total	Average per farm reporting	Unit	Quantity	Average per cuerda
Pigeon peas:							
1954	19,900	38.2	17,900	0.9	Pounds	6,962,000	389
1949	23,744	44.4	20,436	0.9	Pounds	6,938,152	340
1939	27,332	49.2	34,301	1.3	Pounds	15,722,200	458
1935	18,450	34.9	15,954	0.9	Pounds	8,714,800	546
Cotton:							
1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1949	880	1.6	2,736	3.1	Pounds	1,175,677	430
1939	992	1.8	3,381	3.4	Pounds	1,637,067	484
1935	400	0.8	934	2.3	Pounds	498,706	534
1929	2,723	5.1	10,282	3.8	Pounds	5,482,462	533
1919	942	2.3	2,760	2.9	Pounds	1,052,037	381
1909	655	1.0	1,425	2.6	Pounds	630,400	442
Sweetpotatoes:							
1954	20,400	39.1	15,000	0.7	Pounds	42,362,000	2,824
1949	25,552	47.7	23,818	0.9	Pounds	32,485,183	1,364
1939	35,990	64.8	49,565	1.4	Pounds	103,160,000	2,081
1935	31,759	60.2	36,947	1.2	Pounds	81,687,800	2,211
1929	33,913	64.0	47,616	1.4	Pounds	115,244,300	2,420
1919	22,313	54.3	31,457	1.4	Pounds	59,400,900	1,880
Yams:							
1954	14,000	26.9	7,000	0.5	Pounds	21,904,000	3,129
1949	12,506	23.4	6,125	0.5	Pounds	18,631,169	3,042
1939	12,311	22.2	8,827	0.7	Pounds	25,852,500	2,529
1935	11,468	21.7	7,966	0.7	Pounds	20,098,400	2,523
1929	7,049	13.3	5,186	0.7	Pounds	16,211,800	3,126
Irish potatoes:							
1954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1949	54	[1]	45	0.8	Pounds	45,072	1,002
1939	496	0.9	579	1.2	Pounds	1,381,000	2,385
1935	597	1.1	680	1.1	Pounds	1,368,300	2,012
1929	798	1.5	1,061	1.3	Pounds	2,479,000	2,336
1919	308	0.7	498	1.6	Pounds	459,500	923
Taniers:							
1954	21,000	40.3	29,500	1.4	Pounds	53,042,000	1,798
1949	21,009	39.3	14,693	0.7	Pounds	24,105,774	1,641
1939	24,189	43.6	22,080	0.9	Pounds	42,707,200	1,934
1935	20,686	39.2	17,596	0.9	Pounds	34,129,400	1,940
1929	17,834	33.7	16,683	0.9	Pounds	35,094,700	2,104

NA—Not available.
[1] Less than 0.05.

TABLE 4.—FARMS REPORTING, NUMBER OF TREES OR PLANTS, AND QUANTITY HARVESTED, FOR THE PRINCIPAL FRUITS AND COCONUTS: 1910 TO 1954

Item and year	Farms reporting	Percent of all farms	Bearing trees or plants	Quantity harvested	
				Unit	Quantity
Coconuts:					
1954	12,400	23.8	415,000	Number	19,200,000
1950	16,490	30.8	550,185	Number	25,498,475
1940	11,898	21.4	595,125	Number	21,776,289
1935	8,824	16.7	539,243	Number	27,901,000
1930	11,141	21.0	471,032	Number	12,003,000
1920	4,712	11.5	478,054	Number	24,608,000
1910	3,809	6.5	228,351	Number	15,567,914
Grapefruit:					
1954	13,000	24.9	137,000	Number	12,000,000
1950	8,236	15.4	161,194	Number	14,149,961
1940	2,365	4.3	335,036	Number	24,829,531
1935	1,249	2.4	646,802	Boxes	883,388
1930	1,681	3.2	364,489	Boxes	604,943
1920	599	1.5	219,193	Boxes	345,340
1910	308	0.5	117,557	Boxes	47,013
Oranges:					
1954	18,800	36.1	948,000	Number	140,800,000
1950	23,883	44.6	1,204,361	Number	178,934,691
1940	19,032	34.3	1,022,545	Number	116,273,562
1935	17,624	33.2	1,240,269	Boxes	1,003,988
1930	21,368	40.3	930,153	Boxes	871,370
1920	11,501	28.0	735,751	Boxes	1,354,411
1910	10,087	17.3	520,266	Boxes	690,716

See footnotes at end of table.

TABLE 4.—FARMS REPORTING, NUMBER OF TREES OR PLANTS, AND QUANTITY HARVESTED, FOR THE PRINCIPAL FRUITS AND COCONUTS: 1910 TO 1954—CONTINUED

Item and year	Farms reporting	Percent of all farms	Bearing trees or plants	Quantity harvested	
				Unit	Quantity
Avocados:					
1954	28,000	53.7	302,000	Number	29,800,000
1950	25,834	48.3	283,768	Number	28,583,262
1940	27,182	49.0	279,004	Number	33,049,941
1935	17,587	33.3	151,325	Number	14,121,900
1930	12,082	32.3	92,875	Number	10,093,600
1920	7,129	17.4	95,254	Number	10,214,928
Mangoes:					
1954	12,800	24.6	119,000	Number	32,700,000
1950	11,923	22.3	135,553	Number	43,381,102
1940	16,350	29.4	176,504	Number	68,423,586
1935	12,200	23.1	167,799	Number	108,860,000
1930	16,046	30.3	190,652	Number	118,940,000
1920	4,057	9.9	79,200	Boxes	237,661
1910	2,793	4.8	88,785	Boxes	232,223
Bananas:					
1954	20,000	38.4	[1]	Number	754,939,000
1950	31,821	69.5	(NA)	Bunches	12,032,378
1940	28,865	62.0	(NA)	Bunches	16,014,474
1935	35,882	68.0	25,162,261	Bunches	19,938,082
1930	36,705	69.3	35,930,838	Bunches	25,825,656
1920	15,306	37.3	21,485,617	Bunches	19,079,495
1910	(NA)	(NA)	22,425,201	Bunches	16,992,258
Plantains:					
1954	33,000	63.3	[2]	Number	122,756,000
1950	16,770	31.3	(NA)	Number	100,401,070
1940	13,833	24.9	(NA)	Bunches	6,166,226
1935	11,969	22.7	3,067,468	Bunches	2,600,683
1930	8,894	16.8	2,335,259	Bunches	1,951,633
1920	4,618	11.2	2,405,471	Dozens	3,512,358
1910	(NA)	(NA)	5,261,073	Dozens	4,153,623
Limes:					
1954	(NA)	(NA)	(NA)	(NA)	(NA)
1950	5,864	11.0	25,843	Number	5,438,464
1940	1,174	2.1	9,596	Number	1,163,562
1935	1,621	3.1	9,549	Boxes	8,294
1930	2,088	3.9	11,558	Boxes	9,028
1920	831	2.0	10,672	Boxes	16,582
1910	471	0.8	9,874	Boxes	3,598
Guavas:					
1954	(NA)	(NA)	(NA)	(NA)	(NA)
1950	2,072	3.9	124,939	Number	17,774,390
1940	1,475	2.7	117,663	5-gal. can	29,957
1935	1,890	3.6	349,844	5-gal. can	101,705
1930	2,739	5.2	309,587	5-gal. can	139,822
Cacao:					
1954	(NA)	(NA)	(NA)	(NA)	(NA)
1950	481	0.9	12,205	Pounds	79,290
1940	1,013	1.8	25,278	Pounds	85,607
1935	795	1.5	46,493	Pounds	76,478
1930	1,248	2.4	66,076	Pounds	92,967
1920	714	1.7	58,869	Pounds	113,794
1910	(NA)	(NA)	61,325	Pounds	117,253

NA—Not available.
[1] 27,800 cuerdas harvested.
[2] 18,600 cuerdas harvested.

TABLE 5.—ESTIMATED FARM VALUE OF PRODUCTION OF AGRICULTURAL COMMODITIES: FISCAL YEAR 1953–54

Item	Farm value, 1953–54
	Dollars
Value of production [1]	218,847,000
Principal crops	130,631,000
Sugarcane	104,009,000
Tobacco	10,242,000
Coffee	16,380,000
Livestock products, total	59,812,000
Milk	31,377,000
Eggs	4,600,000
Beef	7,114,009
Pork	6,402,000
Poultry	9,877,000
Goats and other meats	442,000
Legumes	2,476,000
Fruits	4,600,000
Vegetables (starchy and yellow, green and leafy)	16,461,000
Corn	514,000
Rice	674,000
Other farm products	3,779,000

Source: Statistical year book, Puerto Rico, 1955.
[1] Does not include P. M. A. benefit payments (except sugarcane).

VIRGIN ISLANDS

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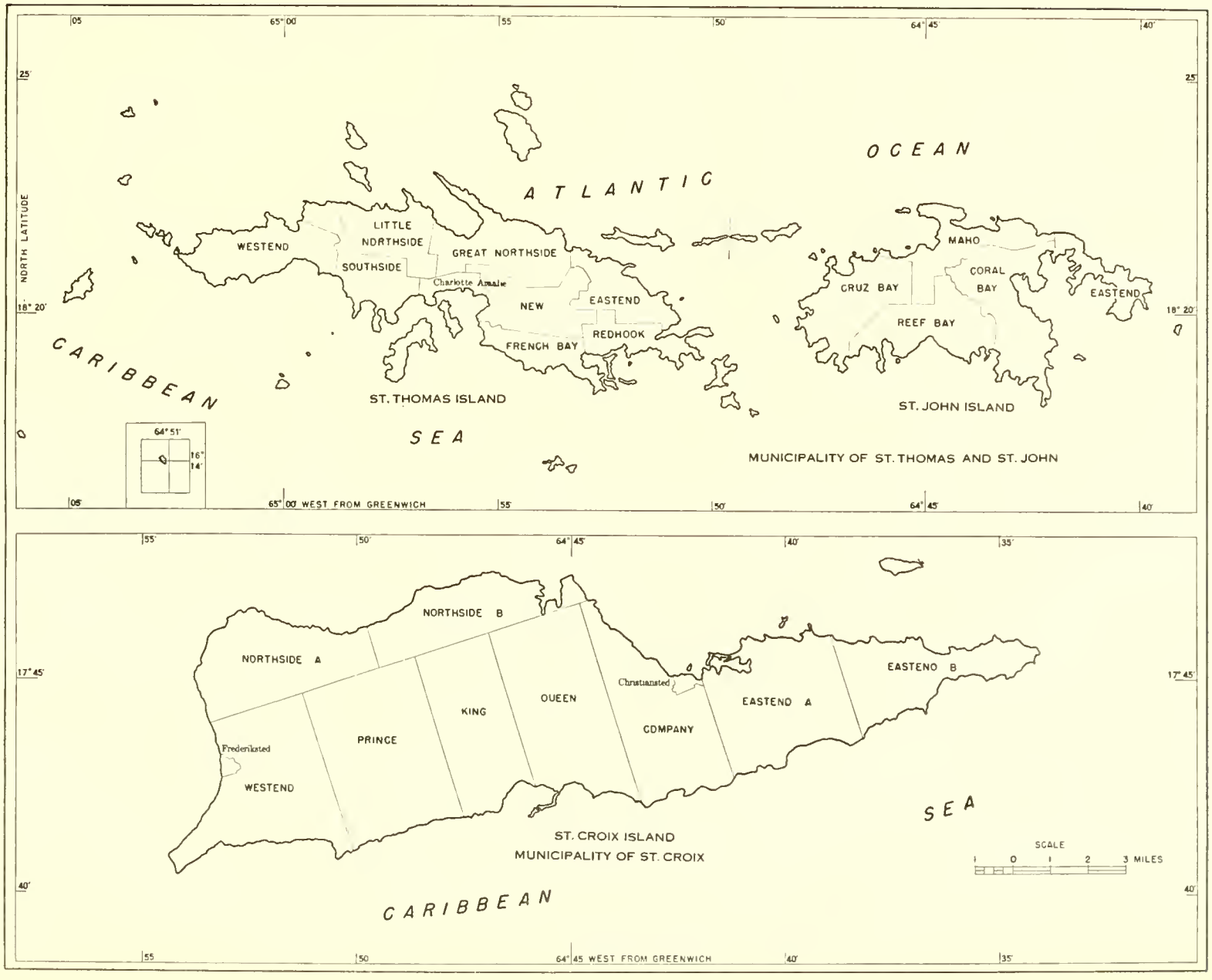
VIRGIN ISLANDS
Municipalities and Cities



VIRGIN ISLANDS

Introduction.—The 1954 statistics for the Virgin Islands were submitted by the Department of Agriculture and Labor through the Office of the Governor. In the Department's transmittal, the Commissioner stated: "Since we have not yet been able to collect such statistical data * * *, I have had to depend entirely upon the kind cooperation of the Virgin Islands Corporation and the Federal Experiment Station for such informatiou as they collected during the last four-year period."

Censuses of agriculture.—The figures given in the tables for this report for 1950, 1940, 1930, and 1917 are from the Censuses of Agriculture taken under the supervision of the United States Bureau of the Census. The first United States Census of Agriculture of the Virgin Islands was taken in 1917, a special Census authorized by the Secretary of Commerce. The next Census was taken in 1930 in conjunction with the Census of Population. A Census of Agriculture was also taken in 1940 and 1950 in conjunction with the Censuses of Population.

The questionnaire used for the Census of Population contained one inquiry which was designed to help the enumerator to obtain an agriculture questionnaire for every place for which one was required. The inquiry read: "Is this house on a farm?" This inquiry was to be answered for every family. If the reply to this question was "Yes," the enumerator was to fill an agriculture questionnaire for the place. He was instructed to fill an agriculture questionnaire for every farm, for every place of 3 or more acres whether or not it was considered a farm, and for every place of less than 3 acres on which agricultural products valued at $100 or more were produced in 1949, whether or not it was considered a farm.

For the 1950 Census of Agriculture, places, regardless of size, were counted as farms if the value of agricultural products in 1949, exclusive of home gardens, amounted to $100 or more. The agricultural products could have been either for home use or for sale. Places operated in 1949, for which the value of agricultural products in 1949 was less than this minimum because of crop failure or other unusual situation, and places operated in 1950 or 1949 for the first time were counted as farms if normally they could be expected to produce these minimum quantities of farm products.

The Census enumerator was not given the definition of a farm. He was instructed to obtain an agriculture questionnaire for every place that the operator considered a farm, for every place of 3 or more acres whether or not it was considered a farm, and for every place of less than 3 acres if the agricultural products produced in 1949 were valued at $100 or more. Thus, agriculture questionnaires were filled for more places than those that qualified as farms. The determination as to which reports were to be included in the tabulations as representing farms was made during the processing of the questionnaires in Washington.

The 1950 Census of Agriculture was taken as of April 1, 1950. Inventory items relate to approximately that date. Data on acreage of crops and quantity harvested are for the crop year 1949. The special Census of 1917 was taken as of November 1. Inventory items relate to November 1 and production items relate to the year ended October 31, 1917.

Presentation of statistics.—Data are presented only for the area, as a whole. Comparative data are usually given for all Census enumerations. In a few instances, Census data are presented even though no recent data are available.

TABLE 1.—FARMS, FARM ACREAGE, AND VALUE OF LAND AND BUILDINGS: 1917 TO 1954

Item	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1917 (Nov. 1)
Farms—number	(NA)	755	828	329	430
All land in farms—acres	73,000	63,753	55,219	68,322	69,892
Cropland, total—acres	35,780	16,461	13,404	(NA)	(NA)
Harvested—acres	6,340	5,594	4,964	[1] 6,895	[2] 39,448
In growing crops not harvested—acres	600	603	2,952	(NA)	(NA)
On which crops failed and idle land—acres	200	4,132	5,488	(NA)	(NA)
Pastured—acres	28,640	6,132	(NA)	(NA)	(NA)
Pasture other than cropland—acres	15,720	30,663	30,621	(NA)	(NA)
Non-crop open or brush pasture—acres	8,265	21,046	15,496	(NA)	(NA)
Woodland pasture—acres	7,455	9,617	15,025	(NA)	(NA)
All other land—acres	21,500	16,629	11,294	(NA)	(NA)
Woodland not pastured—acres	15,000	13,473	7,935	(NA)	(NA)
Other land (house lots, etc.)—acres	6,600	3,156	3,359	(NA)	(NA)
Irrigated lands—acres	26	13	(NA)	(NA)	(NA)
Value of land and buildings—dollars	10,000,000	6,492,720	2,398,546	2,400,711	3,017,341
Average value per farm—dollars	(NA)	8,600	2,897	7,297	7,017
Average value per acre—dollars	[3] 225	101	43	35	43

NA—Not available.
[1] Acres of crops harvested in 1929.
[2] Acreage reported as improved land on the Census date.
[3] As reported. Does not correspond with land in farms and total value reported.

TABLE 2.—LIVESTOCK ON FARMS—SPECIFIED LIVESTOCK AND LIVESTOCK PRODUCTS: 1917 TO 1954

Item	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1917 [1] (Nov. 1)
LIVESTOCK					
Any livestock—farms reporting	(NA)	671	695	261	381
Horses and colts—number	760	1,077	[2] 954	862	1,827
Mules and colts—number	50	268	[2] 623	994	1,568
Asses and burros—number	300	399	[2] 544	523	748
Cattle and calves, total—number	12,000	11,355	[2] 8,796	12,252	12,187
Cows—number	6,000	6,331	[3] 7,306	[4] 4,726	(NA)
Calves under 3 months of age—number	4,800	1,082	(NA)	[2] 2,770	(NA)
Heifers and heifer calves, 3 months old and over—number	(NA)	2,617	(NA)	(NA)	(NA)
Bulls, bull calves, steers, 3 months old and over—number	1,200	2,325	[3] 1,490	(NA)	(NA)
Hogs and pigs, total—number	850	978	[5] 1,124	860	2,145
Under 4 months—number	(NA)	498	(NA)	(NA)	(NA)
4 months old and over—number	(NA)	480	266	(NA)	(NA)
Sheep and lambs—number	2,000	2,786	[7] 819	1,533	1,046
Goats and kids—number	2,000	3,876	[6] 2,134	1,476	1,584
Chickens 4 months old and over—number	15,000	10,074	8,046	[1] 3,331	[8] 6,137
LIVESTOCK PRODUCTS					
Chickens sold—number	5,000	10,533	[9] 2,817	(NA)	(NA)
Chicken eggs sold—dozens	44,000	22,807	20,812	4,353	(NA)
Turkeys, ducks, geese, and other poultry—number	1,100	665	(NA)	(NA)	(NA)

NA—Not available.
[1] Age classes included not specified.
[2] Over 3 months old.
[3] Included in total for cattle and calves over 3 months old; no other mention of age.
[4] Cows and heifers 2 years old and over kept mainly for milk production.
[5] Under 1 year old.
[6] Over 4 nths old.
[7] Over 6 momonths old.
[8] Poultry of all kinds.
[9] Poultry sold.

TABLE 3.—SPECIFIED FIELD CROPS—ACRES AND QUANTITY HARVESTED: 1917 TO 1954

[Except for 1954 and 1917, the figures on acreage and production relate to the crop harvested preceding the Censuses. For 1930 and 1917, production relates to 12-month period ending Sept. 30]

Item	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1917 (Nov. 1)
Specified field crops, total acres	(NA)	4,416	4,406	6,523	16,574
Corn acres	25	49	25	20	25
pounds	14,666	29,330	17,200	13,900	17,700
Beans, dry acres	120	24	17	3	1
pounds	92,000	12,441	8,343	430	90
Cassava acres	25	23	21	2	(NA)
pounds	15,000	14,790	15,653	2,690	(NA)
Irish potatoes acres	(NA)	[1]	-----	-----	-----
pounds	(NA)	140	-----	-----	-----
Sugarcane acres	5,339	4,142	4,097	5,823	8,685
tons	135,000	49,091	42,641	56,405	84,129
Sweetpotatoes acres	90	85	83	22	[2]
pounds	80,000	81,186	104,900	67,700	[2]
Tanya acres	40	33	85	15	(NA)
pounds	25,000	24,853	102,100	31,300	(NA)
Yams acres	50	52	43	6	[2]
pounds	75,000	72,930	75,200	15,400	[2]

NA—Not available.
[1] Reported in small fractions.
[2] Included in total for all vegetables harvested.

TABLE 4.—VEGETABLES—ACREAGE AND VALUE: 1917 TO 1954

[Except for 1954 and 1917, the figures on acreage and value relate to the crop harvested during the year preceding the Census. Figures for 1954 relate to the calendar year, while those for 1917 relate to the 12-month period ending Sept. 30]

Item	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1917 (Nov. 1)
Vegetables harvested for sale (other than Irish and sweetpotatoes) acres	(NA)	269	156	50	[1] 168
value-dollars	(NA)	52,022	16,050	2,690	[1] 6,537
Beans (green) acres	10	9	14	2	[2]
Cabbage acres	15	20	11	4	[2]
Carrots acres	20	32	17	3	[2]
Celery acres	5	5	5	(NA)	[2]
Cucumbers acres	2	1	3	(NA)	[2]
Eggplant acres	1	14	7	2	[2]
Okra acres	5	26	21	3	[2]
Onions acres	2	3	2	20	[2]
Peppers acres	10	12	9	2	[2]
Squash acres	1	14	11	1	[2]
Tomatoes acres	20	118	30	10	[2]
Other vegetables acres	5	10	26	3	[2]

NA—Not available.
[1] Includes potatoes and yams.
[2] Included in total for all vegetables.

TABLE 5.—SPECIFIED FRUITS AND NUTS—ACREAGE, NUMBER OF TREES OR PLANTS, AND QUANTITY HARVESTED: 1917 TO 1954

Item	1954	Census of 1950 (Apr. 1)	Census of 1940 (Apr. 1)	Census of 1930 (Apr. 1)	Census of 1917 (Nov. 1)
Avocados acres	118	118	(NA)	(NA)	(NA)
Trees of bearing age number	5,000	5,563	2,051	247	(NA)
Trees not of bearing age number	1,000	2,193	1,827	202	(NA)
Quantity harvested number	120,000	124,597	163,751	14,700	(NA)
Cacao acres	(NA)	2	(NA)	(NA)	(NA)
Trees of bearing age number	(NA)	126	1,474	325	6,574
Trees not of bearing age number	(NA)	2	2,117	970	(NA)
Quantity harvested pounds	(NA)	410	2,681	160	5,265
Coconuts acres	110	110	84	(NA)	(NA)
Trees of bearing age number	5,000	5,146	4,291	1,152	1,070
Trees not of bearing age number	1,000	1,813	3,087	472	1,214
Quantity harvested number	60,000	83,843	120,521	27,008	12,180
Grapefruit acres	9	9	4	(NA)	(NA)
Trees of bearing age number	500	521	41	12	(NA)
Trees not of bearing age number	250	181	255	4	(NA)
Quantity harvested pounds	20,000	22,762	1,680	1,280	(NA)
Limes and lemons acres	50	50	(NA)	(NA)	(NA)
Trees of bearing age number	2,500	3,274	1,251	322	(NA)
Trees not of bearing age number	500	732	927	121	(NA)
Quantity harvested pounds	80,000	86,068	88,080	11,640	(NA)
Mangoes acres	190	190	(NA)	(NA)	(NA)
Trees of bearing age number	6,500	7,313	4,436	2,335	966
Trees not of bearing age number	1,500	1,244	2,157	1,068	680
Quantity harvested number	500,000	959,903	442,656	407,683	2,750
Oranges acres	19	19	19	(NA)	(NA)
Trees of bearing age number	1,000	959	175	51	176
Trees not of bearing age number	500	301	1,311	127	64
Quantity harvested pounds	25,000	24,178	4,800	3,840	9,480
Bananas acres	369	195	140	(NA)	(NA)
Trees of bearing age number	12,512	21,013	(NA)	(NA)	(NA)
Trees not of bearing age number	5,351	13,560	(NA)	(NA)	(NA)
Quantity harvested bunches	9,805	16,424	46,645	6,790	818
Plantains acres	17	12	23	(NA)	(NA)
Trees of bearing age number	963	1,259	(NA)	(NA)	(NA)
Trees not of bearing age number	580	1,225	(NA)	(NA)	(NA)
Quantity harvested bunches	958	1,223	9,130	823	(NA)
Pineapples acres	15	15	10	(NA)	(NA)
Trees of bearing age number	6,000	6,601	(NA)	(NA)	(NA)
Trees not of bearing age number	1,000	1,960	(NA)	(NA)	(NA)
Quantity harvested boxes	500	570	303	[1] 2,404	[1] 300

NA—Not available.
[1] For 1930 and 1917 production of pineapples shown as number of fruits.

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